

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6262G-1**Price:** \$120.00**Gene Name:**ABL1**Mutation Id:** COSM12578**Nucleotide Change:** c.1052T>C**Amino Acid Change:** p.M351T**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6061G-1**Price:** \$120.00**Gene Name:**AKT1**Mutation Id:** COSM33765**Nucleotide Change:** c.49G>A**Amino Acid Change:** p.E17K**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6308G-1**Price:** \$120.00**Gene Name:**ALK**Mutation Id:** COSM28059**Nucleotide Change:** c.3521T>G**Amino Acid Change:** p.F1174C**Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6309G-1**Price:** \$120.00**Gene Name:**ALK**Mutation Id:** COSM28056**Nucleotide Change:** c.3824G>A**Amino Acid Change:** p.R1275Q**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6310G-1**Price:** \$120.00**Gene Name:**ALK**Mutation Id:** COSM28060**Nucleotide Change:** c.3824G>T**Amino Acid Change:** p.R1275L**Frequency:** Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6311G-1**Price:** \$120.00**Gene Name:**ALK**Mutation Id:** COSM99137**Nucleotide Change:** c.3586C>A**Amino Acid Change:** p.L1196M**Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6148G-1**Price:** \$120.00**Gene Name:**APC**Mutation Id:** COSM13864**Nucleotide Change:** c.4393_4394delAG**Amino Acid Change:** p.S1465fs*3**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6144G-1**Price:** \$120.00**Gene Name:**APC**Mutation Id:** COSM13127**Nucleotide Change:** c.4348C>T**Amino Acid Change:** p.R1450***Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6412G-1**Price:** \$120.00**Gene Name:**APC**Mutation Id:** COSM41607**Nucleotide Change:** c.4090_4091insA**Amino Acid Change:** p.S1364fs*11**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6435G-1**Price:** \$120.00**Gene Name:**APC**Mutation Id:** COSM18761**Nucleotide Change:** c.4090delA**Amino Acid Change:** p.S1364fs*51**Frequency:** Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6150G-1**Price:** \$120.00**Gene Name:**APC**Mutation Id:** COSM13134**Nucleotide Change:** c.637C>T**Amino Acid Change:** p.R213***Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6047-1**Price:** \$120.00**Gene Name:**BRAF**Mutation Id:** COSM476**Nucleotide Change:** 1799T>A**Amino Acid Change:** V600E**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6044-1**Price:** \$120.00**Gene Name:**BRAF**Mutation Id:** COSM473**Nucleotide Change:** 1798_1799GT>AA**Amino Acid Change:** V600K**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6045-1**Price:** \$120.00**Gene Name:**BRAF**Mutation Id:** COSM474**Nucleotide Change:** 1798_1799GT>AG**Amino Acid Change:** V600R**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6049-1**Price:** \$120.00**Gene Name:**BRAF**Mutation Id:** COSM1130**Nucleotide Change:** 1798G>A**Amino Acid Change:** V600M**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard**

Catalog: ASO-6046-1
Price: \$120.00
Gene Name: BRAF
Mutation Id: COSM475
Nucleotide Change: 1799_1800TG>AA
Amino Acid Change: V600E
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6048-1
Price: \$120.00
Gene Name: BRAF
Mutation Id: COSM477
Nucleotide Change: 1799_1800TG>AT
Amino Acid Change: V600D
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6050-1
Price: \$120.00
Gene Name: BRAF
Mutation Id: COSM6137
Nucleotide Change: 1799T>G
Amino Acid Change: V600G
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6108G-1
Price: \$120.00
Gene Name: BRCA1
Mutation Id: COSM35891
Nucleotide Change: c.5263_5264insC(5382insC)
Amino Acid Change: p.Q1756fs*74
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6107G-1
Price: \$120.00
Gene Name: BRCA1
Mutation Id: COSM3190163
Nucleotide Change: c.68_69delAG
Amino Acid Change: p.E23fs*17
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6106G-1

Price: \$120.00
Gene Name:BRCA1
Mutation Id: COSM78883
Nucleotide Change: c.5503C>T
Amino Acid Change: p.R1835*
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6113G-1
Price: \$120.00
Gene Name:BRCA1
Mutation Id: rs80357997
Nucleotide Change: c.5137GdelG
Amino Acid Change: p.V1713*
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6114G-1
Price: \$120.00
Gene Name:BRCA1
Mutation Id: ClinVar55412
Nucleotide Change: c.5138T>C
Amino Acid Change: p.V1713A
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6115G-1
Price: \$120.00
Gene Name:BRCA1
Mutation Id: COSM148277
Nucleotide Change: c.3548A>G
Amino Acid Change: p.K1183R
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6116G-1
Price: \$120.00
Gene Name:BRCA1
Mutation Id: COSM148278
Nucleotide Change: c.2612C>T
Amino Acid Change: p.P871L
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6112G-1
Price: \$120.00

Gene Name:BRCA1
Mutation Id: OMIM: 113705.0025
Nucleotide Change: c.3481_3491del11
Amino Acid Change: p.E1161Fs
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6119G-1
Price: \$120.00
Gene Name:BRCA2
Mutation Id: COSM1738242
Nucleotide Change: c.7934delG
Amino Acid Change: p.R2645fs*3
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6337G-1
Price: \$120.00
Gene Name:BRCA2
Mutation Id: COSM6048457
Nucleotide Change: c.5067delA
Amino Acid Change: p.K1691fs*15
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6513G-1
Price: \$120.00
Gene Name:BRCA2
Mutation Id: COSM5078975
Nucleotide Change: c.5066_5067insA
Amino Acid Change: p.W1692fs*3
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6294G-1
Price: \$120.00
Gene Name:CDH1
Mutation Id: COSM972800
Nucleotide Change: c.2195G>A
Amino Acid Change: p.R732Q
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6295G-1
Price: \$120.00
Gene Name:CDX2

Mutation Id: COSM1366182
Nucleotide Change: c.916delG
Amino Acid Change: p.V306fs*2
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6137G-1
Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM5663
Nucleotide Change: c.133T>C
Amino Acid Change: p.S45P
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6138G-1
Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM5662
Nucleotide Change: c.110C>T
Amino Acid Change: p.S37F
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6142G-1
Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM5676
Nucleotide Change: c.122C>T
Amino Acid Change: p.T41I
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6524G-1
Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM6132
Nucleotide Change: c.136_141delCTGAGT
Amino Acid Change: p.L46_S47del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6528G-1
Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM5990184

Nucleotide Change: c.116_138del23

Amino Acid Change: p.A39fs*3

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6143G-1

Price: \$120.00

Gene Name:CTNNB1

Mutation Id: COSM6128

Nucleotide Change: c.133_135delTCT

Amino Acid Change: p.S45del

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6052G-1

Price: \$120.00

Gene Name:PIK3CA

Mutation Id: COSM776

Nucleotide Change: c.3140A>T

Amino Acid Change: p.H1047L

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6140G-1

Price: \$120.00

Gene Name:CTNNB1

Mutation Id: COSM5673

Nucleotide Change: c.98C>A

Amino Acid Change: p.S33Y

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6139G-1

Price: \$120.00

Gene Name:CTNNB1

Mutation Id: COSM5677

Nucleotide Change: c.98C>G

Amino Acid Change: p.S33C

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6008-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM12384

Nucleotide Change: 2237_2255>T

Amino Acid Change: E746_S752>V

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6003-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6255

Nucleotide Change: 2239_2256del18

Amino Acid Change: L747_S752del

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6029-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6240

Nucleotide Change: c.2369C>T

Amino Acid Change: p.T790M

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6183G-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM13193

Nucleotide Change: c.2477A>G

Amino Acid Change: p.N826S

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6343G-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM12988

Nucleotide Change: c.2125G>A

Amino Acid Change: p.E709K

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6346G-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM236670

Nucleotide Change: c.1476C>A

Amino Acid Change: p.S492R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6000-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6252

Nucleotide Change: 2155G>A

Amino Acid Change: G719S

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6001-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6253

Nucleotide Change: 2155G>T

Amino Acid Change: G719C

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6002-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6239

Nucleotide Change: 2156G>C

Amino Acid Change: G719A

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6015-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM26038

Nucleotide Change: 2233_2247del15

Amino Acid Change: K745_E749delKELRE

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6024-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM13550

Nucleotide Change: 2235_2248>AATTC

Amino Acid Change: E746_A750>IP

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASO-6016-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM6223**Nucleotide Change:** 2235_2249del15**Amino Acid Change:** E746_A750delELREA**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASO-6014-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM13551**Nucleotide Change:** 2235_2252>AAT**Amino Acid Change:** E746_T751>I**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASO-6017-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM6225**Nucleotide Change:** 2236_2250del15**Amino Acid Change:** E746_A750delELREA**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASO-6009-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM12728**Nucleotide Change:** 2236_2253del18**Amino Acid Change:** E746_T751del**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASO-6010-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM12678**Nucleotide Change:** 2237_2251del15**Amino Acid Change:** E746_T751>A**Frequency:** Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASO-6013-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM12386**Nucleotide Change:** 2237_2252>T**Amino Acid Change:** E746_T751>V**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6007-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM12367**Nucleotide Change:** 2237_2254del18**Amino Acid Change:** E746_S752>A**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6022-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM12422**Nucleotide Change:** 2238_2248>GC**Amino Acid Change:** L747_A750>P**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6020-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM12419**Nucleotide Change:** 2238_2252>GCA**Amino Acid Change:** L747_T751>Q**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASO-6005-1**Price:** \$120.00**Gene Name:**EGFR**Mutation Id:** COSM6220**Nucleotide Change:** 2238_2255del18**Amino Acid Change:** E746_S752>D**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard**

Catalog: ASO-6023-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM6218
Nucleotide Change: 2239_2247del9
Amino Acid Change: L747_E749delLRE
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6021-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12382
Nucleotide Change: 2239_2248TTAAGAGAAG>C
Amino Acid Change: L747_A750>P
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6018-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12383
Nucleotide Change: 2239_2251>C
Amino Acid Change: L747_T751>P
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6006-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12387
Nucleotide Change: 2239_2258>CA
Amino Acid Change: L747_P753>Q
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6019-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM6210
Nucleotide Change: 2240_2251del12
Amino Acid Change: L747_T751>S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6012-1

Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12369 (COSM6254)
Nucleotide Change: 2240_2254del15
Amino Acid Change: L747_T751del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6004-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12370
Nucleotide Change: 2240_2257del18
Amino Acid Change: L747_P753>S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6025-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM6241
Nucleotide Change: 2303G>T
Amino Acid Change: S768I
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6026-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12376
Nucleotide Change: 2307_2308insGCCAGCGTG
Amino Acid Change: V769_D770insASV
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6027-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM12378
Nucleotide Change: 2310_2311insGGT
Amino Acid Change: D770_N771insG
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6028-1
Price: \$120.00

Gene Name:EGFR
Mutation Id: COSM12377
Nucleotide Change: 2319_2320insCAC
Amino Acid Change: H773_V774insH
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6030-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6224

Nucleotide Change: 2573T>G

Amino Acid Change: L858R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6031-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6213

Nucleotide Change: 2582T>A

Amino Acid Change: L861Q

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6182G-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM18422

Nucleotide Change: c.2360A>G

Amino Acid Change: p.Q787R

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6177G-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM6493937/6240

Nucleotide Change: c.2389T>A/c.2369C>T

Amino Acid Change: p.C797S/T790M

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6185G-1

Price: \$120.00

Gene Name:EGFR

Mutation Id: COSM85894
Nucleotide Change: c.2527G>A
Amino Acid Change: p.V843I
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6176G-1
Price: \$120.00
Gene Name:EGFR
Mutation Id: COSM5945664/6240
Nucleotide Change: c.2390G>C/c.2369C>T
Amino Acid Change: p.C797S/T790M
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6175G-1
Price: \$120.00
Gene Name:ERBB2
Mutation Id: COSM12553
Nucleotide Change: c.2326_2327insTGT
Amino Acid Change: p.G776>VC
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6171G-1
Price: \$120.00
Gene Name:ESR1
Mutation Id: COSM1074635
Nucleotide Change: c.1609T>A
Amino Acid Change: p.Y537N
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6170G-1
Price: \$120.00
Gene Name:ESR1
Mutation Id: COSM1074639
Nucleotide Change: c.1610A>C
Amino Acid Change: p.Y537S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6172G-1
Price: \$120.00
Gene Name:ESR1
Mutation Id: COSM1074637

Nucleotide Change: c.1610A>G

Amino Acid Change: p.Y537C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6169G-1

Price: \$120.00

Gene Name:ESR1

Mutation Id: COSM94250

Nucleotide Change: c.1613A>G

Amino Acid Change: p.D538G

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6354G-1

Price: \$120.00

Gene Name:FBXW7

Mutation Id: COSM22971

Nucleotide Change: c.832C>T

Amino Acid Change: p.R278*

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6355G-1

Price: \$120.00

Gene Name:FBXW7

Mutation Id: COSM22964

Nucleotide Change: c.1099C>T

Amino Acid Change: p.R367*

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6247G-1

Price: \$120.00

Gene Name:FGFR2

Mutation Id: COSM36903

Nucleotide Change: c.755C>G

Amino Acid Change: p.S252W

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6250G-1

Price: \$120.00

Gene Name:FGFR2

Mutation Id: COSM36904

Nucleotide Change: c.1124A>G

Amino Acid Change: p.Y375C

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6251G-1

Price: \$120.00

Gene Name:FGFR2

Mutation Id: COSM36906

Nucleotide Change: c.1144T>C

Amino Acid Change: p.C382R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6208G-1

Price: \$120.00

Gene Name:FGFR3

Mutation Id: COSM714

Nucleotide Change: c.742C>T

Amino Acid Change: p.R248C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6209G-1

Price: \$120.00

Gene Name:FGFR3

Mutation Id: COSM718

Nucleotide Change: c.1118A>G

Amino Acid Change: p.Y373C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6211G-1

Price: \$120.00

Gene Name:FGFR3

Mutation Id: COSM17461

Nucleotide Change: c.1111A>T

Amino Acid Change: p.S371C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6212G-1

Price: \$120.00

Gene Name:FGFR3

Mutation Id: COSM24842

Nucleotide Change: c.1138G>A

Amino Acid Change: p.G380R

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6154G-1

Price: \$120.00

Gene Name:FLT3

Mutation Id: COSM785

Nucleotide Change: c.2503G>C

Amino Acid Change: p.D835H

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6157G-1

Price: \$120.00

Gene Name:FLT3

Mutation Id: COSM19836

Nucleotide Change: c.2508_2510delCAT

Amino Acid Change: p.I836delI

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6279G-1

Price: \$120.00

Gene Name:GNAQ

Mutation Id: COSM28758

Nucleotide Change: c.626A>C

Amino Acid Change: p.Q209P

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6281G-1

Price: \$120.00

Gene Name:GNAQ

Mutation Id: COSM28760

Nucleotide Change: c.626A>G

Amino Acid Change: p.Q209R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6278G-1

Price: \$120.00

Gene Name:GNAQ

Mutation Id: COSM28757

Nucleotide Change: c.626A>T

Amino Acid Change: p.Q209L

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6285G-1**Price:** \$120.00**Gene Name:**GNAS**Mutation Id:** COSM27899**Nucleotide Change:** c.601C>A**Amino Acid Change:** p.R201S**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6286G-1**Price:** \$120.00**Gene Name:**GNAS**Mutation Id:** COSM27895**Nucleotide Change:** c.602G>A**Amino Acid Change:** p.R201H**Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6468G-1**Price:** \$120.00**Gene Name:**GNAS**Mutation Id:** rs1060500285**Nucleotide Change:** c.686A>G**Amino Acid Change:** p.D229G**Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard HCT116 WT*****Catalog:** ASO-6052-1**Price:** \$120.00***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6076G-1**Price:** \$120.00**Gene Name:**HRAS**Mutation Id:** COSM483**Nucleotide Change:** c.35G>T**Amino Acid Change:** p.G12V**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6077G-1**Price:** \$120.00**Gene Name:**HRAS**Mutation Id:** COSM484

Nucleotide Change: c.35G>A

Amino Acid Change: p.G12D

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6361G-1

Price: \$120.00

Gene Name:HRAS

Mutation Id: COSM502

Nucleotide Change: c.183G>T

Amino Acid Change: p.Q61H

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6079G-1

Price: \$120.00

Gene Name:HRAS

Mutation Id: COSM496

Nucleotide Change: c.181C>A

Amino Acid Change: p.Q61K

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6078G-1

Price: \$120.00

Gene Name:HRAS

Mutation Id: COSM486

Nucleotide Change: c.37G>C

Amino Acid Change: p.G13R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6080G-1

Price: \$120.00

Gene Name:HRAS

Mutation Id: COSM499

Nucleotide Change: c.182A>G

Amino Acid Change: p.Q61R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6218G-1

Price: \$120.00

Gene Name:IDH1

Mutation Id: COSM28746

Nucleotide Change: c.395G>A

Amino Acid Change: p.R132H

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6226G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM41877

Nucleotide Change: c.418C>T

Amino Acid Change: p.R140W

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6225G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM41590

Nucleotide Change: c.419G>A

Amino Acid Change: p.R140Q

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6227G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM41875

Nucleotide Change: c.419G>T

Amino Acid Change: p.R140L

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6232G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM33731

Nucleotide Change: c.514A>G

Amino Acid Change: p.R172G

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6231G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM34039

Nucleotide Change: c.514A>T

Amino Acid Change: p.R172W

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6228G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM33733

Nucleotide Change: c.515G>A

Amino Acid Change: p.R172K

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6229G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM33732

Nucleotide Change: c.515G>T

Amino Acid Change: p.R172M

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6230G-1

Price: \$120.00

Gene Name:IDH2

Mutation Id: COSM34090

Nucleotide Change: c.516G>T

Amino Acid Change: p.R172S

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6120G-1

Price: \$120.00

Gene Name:JAK2

Mutation Id: COSM12600

Nucleotide Change: c.1849G>T

Amino Acid Change: p.V617F

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6121G-1

Price: \$120.00

Gene Name:JAK2

Mutation Id: COSM4391514

Nucleotide Change: c.1843G>T

Amino Acid Change: p.V615L

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6122G-1**Price:** \$120.00**Gene Name:**JAK2**Mutation Id:** COSM29117**Nucleotide Change:** c.1849G>A**Amino Acid Change:** p.V617I**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6160G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1226**Nucleotide Change:** c.1670_1675delGGAAGG**Amino Acid Change:** p.W557_V559>F**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6162G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1314**Nucleotide Change:** c.2447A>T**Amino Acid Change:** p.D816V**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6163G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1310**Nucleotide Change:** c.2446G>T**Amino Acid Change:** p.D816Y**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6164G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1311**Nucleotide Change:** c.2446G>C**Amino Acid Change:** p.D816H**Frequency:** Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6166G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1255**Nucleotide Change:** c.1676T>C**Amino Acid Change:** p.V559A**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6167G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1257**Nucleotide Change:** c.1679T>A**Amino Acid Change:** p.V560D**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6159G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1221**Nucleotide Change:** c.1669T>G**Amino Acid Change:** p.W557G**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6165G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM1252**Nucleotide Change:** c.1676T>A**Amino Acid Change:** p.V559D**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6410G-1**Price:** \$120.00**Gene Name:**KIT**Mutation Id:** COSM21979**Nucleotide Change:** c.2446_2447GA>AT**Amino Acid Change:** p.D816I**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard**

Catalog: ASE-6411G-1
Price: \$120.00
Gene Name:KIT
Mutation Id: COSM1254
Nucleotide Change: c.1676_1684del9
Amino Acid Change: p.V559_E561del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6423G-1
Price: \$120.00
Gene Name:KIT
Mutation Id: COSM1256
Nucleotide Change: c.1678_1680delGTT
Amino Acid Change: p.V560del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6531G-1
Price: \$120.00
Gene Name:KIT
Mutation Id: COSM1247
Nucleotide Change: c.1675_1677delGTT
Amino Acid Change: p.V559del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6038-1
Price: \$120.00
Gene Name:KRAS
Mutation Id: COSM527
Nucleotide Change: 37G>T
Amino Acid Change: G13C
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6062G-1
Price: \$120.00
Gene Name:KRAS
Mutation Id: COSM554
Nucleotide Change: c.183A>C
Amino Acid Change: p.Q61H
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6033-1

Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM517
Nucleotide Change: 34G>A
Amino Acid Change: G12S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6034-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM518
Nucleotide Change: 34G>C
Amino Acid Change: G12R
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6032-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM516
Nucleotide Change: 34G>T
Amino Acid Change: G12C
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6036-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM521
Nucleotide Change: 35G>A
Amino Acid Change: G12D
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6037-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM522
Nucleotide Change: 35G>C
Amino Acid Change: G12A
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6035-1
Price: \$120.00

Gene Name: KRAS
Mutation Id: COSM520
Nucleotide Change: 35G>T
Amino Acid Change: G12V
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6039-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM528
Nucleotide Change: 37G>A
Amino Acid Change: G13S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6040-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM529
Nucleotide Change: 37G>C
Amino Acid Change: G13R
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6041-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM532
Nucleotide Change: 38G>A
Amino Acid Change: G13D
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6042-1
Price: \$120.00
Gene Name: KRAS
Mutation Id: COSM533
Nucleotide Change: 38G>C
Amino Acid Change: G13A
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASO-6043-1
Price: \$120.00
Gene Name: KRAS

Mutation Id: COSM534
Nucleotide Change: 38G>T
Amino Acid Change: G13V
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6201G-1
Price: \$120.00
Gene Name:MAP2K1
Mutation Id: COSM235614
Nucleotide Change: c.370C>T
Amino Acid Change: p.P124S
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6204G-1
Price: \$120.00
Gene Name:MAP2K1
Mutation Id: COSM232755
Nucleotide Change: c.607G>A
Amino Acid Change: p.E203K
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6202G-1
Price: \$120.00
Gene Name:MAP2K1
Mutation Id: COSM1315861
Nucleotide Change: c.371C>T
Amino Acid Change: p.P124L
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6205G-1
Price: \$120.00
Gene Name:MAP2K1
Mutation Id: COSM1235478
Nucleotide Change: c.171G>T
Amino Acid Change: p.K57N
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6299G-1
Price: \$120.00
Gene Name:MET
Mutation Id: COSM707

Nucleotide Change: c.3029C>T

Amino Acid Change: p.T1010I

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6300G-1

Price: \$120.00

Gene Name:MET

Mutation Id: COSM699

Nucleotide Change: c.3743A>G

Amino Acid Change: p.Y1248C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6303G-1

Price: \$120.00

Gene Name:MET

Mutation Id: COSM706

Nucleotide Change: c.504G>T

Amino Acid Change: p.E168D

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6296G-1

Price: \$120.00

Gene Name:MLH1

Mutation Id: COSM2985326

Nucleotide Change: c.967C>A

Amino Acid Change: p.L323M

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6297G-1

Price: \$120.00

Gene Name:MLH1

Mutation Id: COSM26085

Nucleotide Change: c.1151T>A

Amino Acid Change: p.V384D

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6271G-1

Price: \$120.00

Gene Name:NOTCH1

Mutation Id: COSM12772

Nucleotide Change: c.4721T>C

Amino Acid Change: p.L1574P

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6272G-1

Price: \$120.00

Gene Name:NOTCH1

Mutation Id: COSM13047

Nucleotide Change: c.4732_4734delGTG

Amino Acid Change: p.V1578delV

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6273G-1

Price: \$120.00

Gene Name:NOTCH1

Mutation Id: COSM13042

Nucleotide Change: c.4778T>C

Amino Acid Change: p.L1593P

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6275G-1

Price: \$120.00

Gene Name:NOTCH1

Mutation Id: COSM12771

Nucleotide Change: c.4799T>C

Amino Acid Change: p.L1600P

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6277G-1

Price: \$120.00

Gene Name:NOTCH1

Mutation Id: COSM33747

Nucleotide Change: c.5094C>T

Amino Acid Change: p.D1698D

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6068G-1

Price: \$120.00

Gene Name:NRAS

Mutation Id: COSM573

Nucleotide Change: c.38G>A

Amino Acid Change: p.G13D

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6366G-1

Price: \$120.00

Gene Name:NRAS

Mutation Id: COSM585

Nucleotide Change: c.183A>T

Amino Acid Change: p.Q61H

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6368G-1

Price: \$120.00

Gene Name:NRAS

Mutation Id: COSM566

Nucleotide Change: c.35G>T

Amino Acid Change: p.G12V

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6072G-1

Price: \$120.00

Gene Name:NRAS

Mutation Id: COSM580

Nucleotide Change: c.181C>A

Amino Acid Change: p.Q61K

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6071G-1

Price: \$120.00

Gene Name:NRAS

Mutation Id: COSM584

Nucleotide Change: c.182A>G

Amino Acid Change: p.Q61R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6073G-1

Price: \$120.00

Gene Name:NRAS

Mutation Id: COSM583

Nucleotide Change: c.182A>T

Amino Acid Change: p.Q61L

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6200G-1**Price:** \$120.00**Gene Name:**NRAS**Mutation Id:** COSM5044298**Nucleotide Change:** c.183_183delA**Amino Acid Change:** p.E62fs*6**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6066G-1**Price:** \$120.00**Gene Name:**NRAS**Mutation Id:** COSM563**Nucleotide Change:** c.34G>A**Amino Acid Change:** p.G12S**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6067G-1**Price:** \$120.00**Gene Name:**NRAS**Mutation Id:** COSM562**Nucleotide Change:** c.34G>T**Amino Acid Change:** p.G12C**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6065G-1**Price:** \$120.00**Gene Name:**NRAS**Mutation Id:** COSM564**Nucleotide Change:** c.35G>A**Amino Acid Change:** p.G12D**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6069G-1**Price:** \$120.00**Gene Name:**NRAS**Mutation Id:** COSM569**Nucleotide Change:** c.37G>C**Amino Acid Change:** p.G13R**Frequency:** Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6254G-1**Price:** \$120.00**Gene Name:**PDGFRA**Mutation Id:** COSM22413**Nucleotide Change:** c.2472C>T**Amino Acid Change:** p.V824V**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6255G-1**Price:** \$120.00**Gene Name:**PDGFRA**Mutation Id:** COSM736**Nucleotide Change:** c.2525A>T**Amino Acid Change:** p.D842V**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6256G-1**Price:** \$120.00**Gene Name:**PDGFRA**Mutation Id:** COSM737**Nucleotide Change:** c.2524_2535del12**Amino Acid Change:** p.I843_D846delIMHD**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6257G-1**Price:** \$120.00**Gene Name:**PDGFRA**Mutation Id:** COSM12400**Nucleotide Change:** c.2527_2538del12**Amino Acid Change:** p.I843_D846delIMHD**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6058G-1**Price:** \$120.00**Gene Name:**PIK3CA**Mutation Id:** COSM746**Nucleotide Change:** c.263G>A**Amino Acid Change:** p.R88Q**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard**

Catalog: ASE-6056G-1
Price: \$120.00
Gene Name:PIK3CA
Mutation Id: COSM12458
Nucleotide Change: c.1634A>C
Amino Acid Change: p.E545A
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6060G-1
Price: \$120.00
Gene Name:PIK3CA
Mutation Id: COSM757
Nucleotide Change: c.1258T>C
Amino Acid Change: p.C420R
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6053G-1
Price: \$120.00
Gene Name:PIK3CA
Mutation Id: COSM760
Nucleotide Change: c.1624G>A
Amino Acid Change: p.E542K
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6054G-1
Price: \$120.00
Gene Name:PIK3CA
Mutation Id: COSM763
Nucleotide Change: c.1633G>A
Amino Acid Change: p.E545K
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6055G-1
Price: \$120.00
Gene Name:PIK3CA
Mutation Id: COSM764
Nucleotide Change: c.1634A>G
Amino Acid Change: p.E545G
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6057G-1

Price: \$120.00
Gene Name: PIK3CA
Mutation Id: COSM766
Nucleotide Change: c.1636C>A
Amino Acid Change: p.Q546K
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6051G-1
Price: \$120.00
Gene Name: PIK3CA
Mutation Id: COSM775
Nucleotide Change: c.3140A>G
Amino Acid Change: p.H1047R
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6070G-1
Price: \$120.00
Gene Name: NRAS
Mutation Id: COSM574
Nucleotide Change: c.38G>T
Amino Acid Change: p.G13V
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6243G-1
Price: \$120.00
Gene Name: PIK3R1
Mutation Id: COSM1069619
Nucleotide Change: c.1718T>C
Amino Acid Change: p.L573P
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6244G-1
Price: \$120.00
Gene Name: PIK3R1
Mutation Id: COSM85927
Nucleotide Change: c.1721G>T
Amino Acid Change: p.R574I
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6245G-1
Price: \$120.00

Gene Name:PIK3R1
Mutation Id: COSM1069623
Nucleotide Change: c.1721_1722insA
Amino Acid Change: p.T576fs*26
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6246G-1
Price: \$120.00
Gene Name:PIK3R1
Mutation Id: COSM35737
Nucleotide Change: c.1727_1729delCGA
Amino Acid Change: p.T576del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6425G-1
Price: \$120.00
Gene Name:PIK3R1
Mutation Id: COSM85885
Nucleotide Change: c.1709_1735del27
Amino Acid Change: p.L570_D578del
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6129G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM5152
Nucleotide Change: c.388C>T
Amino Acid Change: p.R130*
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6130G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM5216
Nucleotide Change: c.389G>T
Amino Acid Change: p.R130L
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6131G-1
Price: \$120.00
Gene Name:PTEN

Mutation Id: COSM5089
Nucleotide Change: c.517C>T
Amino Acid Change: p.R173C
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6132G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM5039
Nucleotide Change: c.518G>A
Amino Acid Change: p.R173H
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6134G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM4391544
Nucleotide Change: c.377C>G
Amino Acid Change: p.A126G
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6127G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM5219
Nucleotide Change: c.388C>G
Amino Acid Change: p.R130G
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6128G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM5033
Nucleotide Change: c.389G>A
Amino Acid Change: p.R130Q
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6133G-1
Price: \$120.00
Gene Name:PTEN
Mutation Id: COSM5154

Nucleotide Change: c.697C>T

Amino Acid Change: p.R233*

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6123G-1

Price: \$120.00

Gene Name:RB1

Mutation Id: COSM892

Nucleotide Change: c.1735C>T

Amino Acid Change: p.R579*

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6125G-1

Price: \$120.00

Gene Name:RB1

Mutation Id: COSM878

Nucleotide Change: c.751C>T

Amino Acid Change: p.R251*

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6315G-1

Price: \$120.00

Gene Name:RET

Mutation Id: COSM968

Nucleotide Change: c.1894_1899delGAGCTG

Amino Acid Change: p.E632_L633del

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard RKO WT

Catalog: ASO-6051-1

Price: \$120.00

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6322G-1

Price: \$120.00

Gene Name:ROS1

Mutation Id: COSM1697823

Nucleotide Change: c.4924G>A

Amino Acid Change: p.E1642K

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6319G-1

Price: \$120.00
Gene Name:SMAD4
Mutation Id: COSM14049
Nucleotide Change: c.1067C>T
Amino Acid Change: p.P356L
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6320G-1
Price: \$120.00
Gene Name:SMAD4
Mutation Id: COSM1226726
Nucleotide Change: c.1066C>T
Amino Acid Change: p.P356S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6372G-1
Price: \$120.00
Gene Name:STK11
Mutation Id: COSM21360
Nucleotide Change: c.1062C>G
Amino Acid Change: p.F354L
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6375G-1
Price: \$120.00
Gene Name:STK11
Mutation Id: COSM20943
Nucleotide Change: c.508C>T
Amino Acid Change: p.Q170*
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6376G-1
Price: \$120.00
Gene Name:STK11
Mutation Id: COSM21354
Nucleotide Change: c.511G>A
Amino Acid Change: p.G171S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6091G-1
Price: \$120.00

Gene Name:TP53
Mutation Id: COSM10662
Nucleotide Change: c.743G>A
Amino Acid Change: p.R248Q
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6082G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10648
Nucleotide Change: c.524G>A
Amino Acid Change: p.R175H
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6083G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10870
Nucleotide Change: c.523C>G
Amino Acid Change: p.R175G
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6084G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10718
Nucleotide Change: c.524G>T
Amino Acid Change: p.R175L
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6094G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10817
Nucleotide Change: c.747G>T
Amino Acid Change: p.R249S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6095G-1
Price: \$120.00
Gene Name:TP53

Mutation Id: COSM43629
Nucleotide Change: c.745A>T
Amino Acid Change: p.R249W
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6096G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM43871
Nucleotide Change: c.746G>T
Amino Acid Change: p.R249M
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6097G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10668
Nucleotide Change: c.745A>G
Amino Acid Change: p.R249G
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6191G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10690
Nucleotide Change: c.473G>A
Amino Acid Change: p.R158H
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6192G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10714
Nucleotide Change: c.473G>T
Amino Acid Change: p.R158L
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6195G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10670

Nucleotide Change: c.469G>T

Amino Acid Change: p.V157F

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6196G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM43903

Nucleotide Change: c.470T>G

Amino Acid Change: p.V157G

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6198G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10889

Nucleotide Change: c.536A>G

Amino Acid Change: p.H179R

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6085G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10758

Nucleotide Change: c.659A>G

Amino Acid Change: p.Y220C

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6105G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM13747

Nucleotide Change: c.1146delA

Amino Acid Change: p.K382fs*>12

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6379G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10808

Nucleotide Change: c.488A>G

Amino Acid Change: p.Y163C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6380G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM44623

Nucleotide Change: c.487T>A

Amino Acid Change: p.Y163N

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6381G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM43846

Nucleotide Change: c.487T>C

Amino Acid Change: p.Y163H

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6382G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM43559

Nucleotide Change: c.517G>T

Amino Acid Change: p.V173L

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6383G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM11084

Nucleotide Change: c.517G>A

Amino Acid Change: p.V173M

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6387G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM43947

Nucleotide Change: c.614A>G

Amino Acid Change: p.Y205C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6388G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM43844

Nucleotide Change: c.613T>G

Amino Acid Change: p.Y205D

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6389G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10654

Nucleotide Change: c.637C>T

Amino Acid Change: p.R213*

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6392G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM43687

Nucleotide Change: c.641A>G

Amino Acid Change: p.H214R

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6393G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10725

Nucleotide Change: c.701A>G

Amino Acid Change: p.Y234C

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6394G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM11152

Nucleotide Change: c.700T>C

Amino Acid Change: p.Y234H

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6399G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM10810**Nucleotide Change:** c.725G>T**Amino Acid Change:** p.C242F**Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6436G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM45666**Nucleotide Change:** c.810_811insN**Amino Acid Change:** p.E271fs*35**Frequency:** Heterozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6514G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM45975**Nucleotide Change:** c.703delA**Amino Acid Change:** p.N235fs*12**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6515G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM44543**Nucleotide Change:** c.464_465insN**Amino Acid Change:** p.R156fs*25**Frequency:** Homozygous***Onco-Ref™ Genomic DNA Reference Standard*****Catalog:** ASE-6516G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM43546**Nucleotide Change:** c.516_517insN**Amino Acid Change:** p.V173fs*8**Frequency:** Homozygous

Onco-Ref™ Genomic DNA Reference Standard**Catalog:** ASE-6517G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM44400**Nucleotide Change:** c.702_703insN**Amino Acid Change:** p.N235fs*5**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6518G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM1318430**Nucleotide Change:** c.516delT**Amino Acid Change:** p.V173fs*1**Frequency:** Homozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6519G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM44361**Nucleotide Change:** c.533_534insN**Amino Acid Change:** p.H178fs*3**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6520G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM43570**Nucleotide Change:** c.529_546del18**Amino Acid Change:** p.P177_C182delPHHERC**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard****Catalog:** ASE-6521G-1**Price:** \$120.00**Gene Name:**TP53**Mutation Id:** COSM1324785**Nucleotide Change:** c.530_535delCCCACC**Amino Acid Change:** p.P177_H178delPH**Frequency:** Heterozygous**Onco-Ref™ Genomic DNA Reference Standard**

Catalog: ASE-6522G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM46406
Nucleotide Change: c.643delA
Amino Acid Change: p.S215fs*32
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6523G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM44887
Nucleotide Change: c.644delG
Amino Acid Change: p.S215fs*32
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6525G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM69179
Nucleotide Change: c.560-1_583del25
Amino Acid Change: p.?
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6526G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM5982134
Nucleotide Change: c.613_614insT
Amino Acid Change: p.Y205fs*4
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6527G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM1716966
Nucleotide Change: c.613_614insC
Amino Acid Change: p.Y205fs*4
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6529G-1

Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM27310
Nucleotide Change: c.139A>T
Amino Acid Change: p.S47C
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6530G-1
Price: \$120.00
Gene Name:CTNNB1
Mutation Id: COSM1423011
Nucleotide Change: c.132T>C
Amino Acid Change: p.P44P
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6532G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM45847
Nucleotide Change: c.574_575delCA
Amino Acid Change: p.Q192fs*16
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6533G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM4735408
Nucleotide Change: c.571_581del11
Amino Acid Change: p.P191fs*14
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6194G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM11087
Nucleotide Change: c.472C>G
Amino Acid Change: p.R158G
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6193G-1
Price: \$120.00

Gene Name:TP53
Mutation Id: COSM43848
Nucleotide Change: c.472C>T
Amino Acid Change: p.R158C
Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6086G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM10646
Nucleotide Change: c.725G>A
Amino Acid Change: p.C242Y
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6087G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM6932
Nucleotide Change: c.733G>A
Amino Acid Change: p.G245S
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6090G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM11081
Nucleotide Change: c.733G>T
Amino Acid Change: p.G245C
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6088G-1
Price: \$120.00
Gene Name:TP53
Mutation Id: COSM43606
Nucleotide Change: c.734G>A
Amino Acid Change: p.G245D
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6089G-1
Price: \$120.00
Gene Name:TP53

Mutation Id: COSM11196
Nucleotide Change: c.734G>T
Amino Acid Change: p.G245V
Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6092G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10656

Nucleotide Change: c.742C>T

Amino Acid Change: p.R248W

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6093G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM6549

Nucleotide Change: c.743G>T

Amino Acid Change: p.R248L

Frequency: Homozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6099G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10659

Nucleotide Change: c.817C>T

Amino Acid Change: p.R273C

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6098G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10660

Nucleotide Change: c.818G>A

Amino Acid Change: p.R273H

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6101G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM11232

Nucleotide Change: c.842A>G

Amino Acid Change: p.D281G

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6103G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM10992

Nucleotide Change: c.844C>G

Amino Acid Change: p.R282G

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6104G-1

Price: \$120.00

Gene Name:TP53

Mutation Id: COSM44338

Nucleotide Change: c.845G>A

Amino Acid Change: p.R282Q

Frequency: Heterozygous

Onco-Ref™ Genomic DNA Reference Standard

Catalog: ASE-6218G-05

Price: \$70.00

Gene Name:IDH1

Mutation Id: COSM28746

Nucleotide Change: c.395G>A

Amino Acid Change: p.R132H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6262B

Price: \$3,500.00

Gene Name:ABL1

Mutation Id: COSM12578

Nucleotide Change: c.1052T>C

Amino Acid Change: p.M351T

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6061B

Price: \$3,500.00

Gene Name:AKT1

Mutation Id: COSM33765

Nucleotide Change: c.49G>A

Amino Acid Change: p.E17K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6308B

Price: \$3,500.00

Gene Name:ALK

Mutation Id: COSM28059

Nucleotide Change: c.3521T>G

Amino Acid Change: p.F1174C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6309B

Price: \$3,500.00

Gene Name:ALK

Mutation Id: COSM28056

Nucleotide Change: c.3824G>A

Amino Acid Change: p.R1275Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6310B

Price: \$3,500.00

Gene Name:ALK

Mutation Id: COSM28060

Nucleotide Change: c.3824G>T

Amino Acid Change: p.R1275L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6311B

Price: \$3,500.00

Gene Name:ALK

Mutation Id: COSM99137

Nucleotide Change: c.3586C>A

Amino Acid Change: p.L1196M

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6148B

Price: \$3,500.00

Gene Name:APC

Mutation Id: COSM13864

Nucleotide Change: c.4393_4394delAG

Amino Acid Change: p.S1465fs*3

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6144B

Price: \$3,500.00

Gene Name:APC

Mutation Id: COSM13127

Nucleotide Change: c.4348C>T

Amino Acid Change: p.R1450*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6412B

Price: \$3,500.00

Gene Name:APC

Mutation Id: COSM41607

Nucleotide Change: c.4090_4091insA

Amino Acid Change: p.S1364fs*11

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6435B

Price: \$3,500.00

Gene Name:APC

Mutation Id: COSM18761

Nucleotide Change: c.4090delA

Amino Acid Change: p.S1364fs*51

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6150B

Price: \$3,500.00

Gene Name:APC

Mutation Id: COSM13134

Nucleotide Change: c.637C>T

Amino Acid Change: p.R213*

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4047

Price: \$3,500.00

Gene Name:BRAF

Mutation Id: COSM476

Nucleotide Change: 1799T>A

Amino Acid Change: V600E

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASO-4044**Price:** \$3,500.00**Gene Name:**BRAF**Mutation Id:** COSM473**Nucleotide Change:** 1798_1799GT>AA**Amino Acid Change:** V600K**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4045**Price:** \$3,500.00**Gene Name:**BRAF**Mutation Id:** COSM474**Nucleotide Change:** 1798_1799GT>AG**Amino Acid Change:** V600R**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4049**Price:** \$3,500.00**Gene Name:**BRAF**Mutation Id:** COSM1130**Nucleotide Change:** 1798G>A**Amino Acid Change:** V600M**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4046**Price:** \$3,500.00**Gene Name:**BRAF**Mutation Id:** COSM475**Nucleotide Change:** 1799_1800TG>AA**Amino Acid Change:** V600E**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4048**Price:** \$3,500.00**Gene Name:**BRAF**Mutation Id:** COSM477**Nucleotide Change:** 1799_1800TG>AT**Amino Acid Change:** V600D**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASO-4050**Price:** \$3,500.00**Gene Name:** BRAF**Mutation Id:** COSM6137**Nucleotide Change:** 1799T>G**Amino Acid Change:** V600G**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6108B**Price:** \$3,500.00**Gene Name:** BRCA1**Mutation Id:** COSM35891**Nucleotide Change:** c.5263_5264insC(5382insC)**Amino Acid Change:** p.Q1756fs*74**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6107B**Price:** \$3,500.00**Gene Name:** BRCA1**Mutation Id:** COSM3190163**Nucleotide Change:** c.68_69delAG**Amino Acid Change:** p.E23fs*17**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6106B**Price:** \$3,500.00**Gene Name:** BRCA1**Mutation Id:** COSM78883**Nucleotide Change:** c.5503C>T**Amino Acid Change:** p.R1835***Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6113B**Price:** \$3,500.00**Gene Name:** BRCA1**Mutation Id:** rs80357997**Nucleotide Change:** c.5137GdelG**Amino Acid Change:** p.V1713***Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard**

Catalog: ASE-6114B
Price: \$3,500.00
Gene Name:BRCA1
Mutation Id: ClinVar55412
Nucleotide Change: c.5138T>C
Amino Acid Change: p.V1713A
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6115B
Price: \$3,500.00
Gene Name:BRCA1
Mutation Id: COSM148277
Nucleotide Change: c.3548A>G
Amino Acid Change: p.K1183R
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6116B
Price: \$3,500.00
Gene Name:BRCA1
Mutation Id: COSM148278
Nucleotide Change: c.2612C>T
Amino Acid Change: p.P871L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6112B
Price: \$3,500.00
Gene Name:BRCA1
Mutation Id: OMIM: 113705.0025
Nucleotide Change: c.3481_3491del11
Amino Acid Change: p.E1161Fs
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6119B
Price: \$3,500.00
Gene Name:BRCA2
Mutation Id: COSM1738242
Nucleotide Change: c.7934delG
Amino Acid Change: p.R2645fs*3
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6337B

Price: \$3,500.00
Gene Name:BRCA2
Mutation Id: COSM6048457
Nucleotide Change: c.5067delA
Amino Acid Change: p.K1691fs*15
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6513B
Price: \$3,500.00
Gene Name:BRCA2
Mutation Id: COSM5078975
Nucleotide Change: c.5066_5067insA
Amino Acid Change: p.W1692fs*3
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6294B
Price: \$3,500.00
Gene Name:CDH1
Mutation Id: COSM972800
Nucleotide Change: c.2195G>A
Amino Acid Change: p.R732Q
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6295B
Price: \$3,500.00
Gene Name:CDX2
Mutation Id: COSM1366182
Nucleotide Change: c.916delG
Amino Acid Change: p.V306fs*2
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6137B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM5663
Nucleotide Change: c.133T>C
Amino Acid Change: p.S45P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6138B
Price: \$3,500.00

Gene Name:CTNNB1
Mutation Id: COSM5662
Nucleotide Change: c.110C>T
Amino Acid Change: p.S37F
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6142B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM5676
Nucleotide Change: c.122C>T
Amino Acid Change: p.T41I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6524B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM6132
Nucleotide Change: c.136_141delCTGAGT
Amino Acid Change: p.L46_S47del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6528B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM5990184
Nucleotide Change: c.116_138del23
Amino Acid Change: p.A39fs*3
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6143B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM6128
Nucleotide Change: c.133_135delITCT
Amino Acid Change: p.S45del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6052B
Price: \$3,500.00
Gene Name:PIK3CA

Mutation Id: COSM776
Nucleotide Change: c.3140A>T
Amino Acid Change: p.H1047L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6140B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM5673
Nucleotide Change: c.98C>A
Amino Acid Change: p.S33Y
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6139B
Price: \$3,500.00
Gene Name:CTNNB1
Mutation Id: COSM5677
Nucleotide Change: c.98C>G
Amino Acid Change: p.S33C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4008
Price: \$3,500.00
Gene Name:EGFR
Mutation Id: COSM12384
Nucleotide Change: 2237_2255>T
Amino Acid Change: E746_S752>V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4003
Price: \$3,500.00
Gene Name:EGFR
Mutation Id: COSM6255
Nucleotide Change: 2239_2256del18
Amino Acid Change: L747_S752del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4029
Price: \$3,500.00
Gene Name:EGFR
Mutation Id: COSM6240

Nucleotide Change: c.2369C>T

Amino Acid Change: p.T790M

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6183B

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM13193

Nucleotide Change: c.2477A>G

Amino Acid Change: p.N826S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6343B

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM12988

Nucleotide Change: c.2125G>A

Amino Acid Change: p.E709K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6346B

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM236670

Nucleotide Change: c.1476C>A

Amino Acid Change: p.S492R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4000

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM6252

Nucleotide Change: 2155G>A

Amino Acid Change: G719S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4001

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM6253

Nucleotide Change: 2155G>T

Amino Acid Change: G719C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4002

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM6239

Nucleotide Change: 2156G>C

Amino Acid Change: G719A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4015

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM26038

Nucleotide Change: 2233_2247del15

Amino Acid Change: K745_E749delKELRE

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4024

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM13550

Nucleotide Change: 2235_2248>AATTC

Amino Acid Change: E746_A750>IP

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4016

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM6223

Nucleotide Change: 2235_2249del15

Amino Acid Change: E746_A750delELREA

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4014

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM13551

Nucleotide Change: 2235_2252>AAT

Amino Acid Change: E746_T751>I

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4017

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM6225

Nucleotide Change: 2236_2250del15

Amino Acid Change: E746_A750delIELREA

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4009

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM12728

Nucleotide Change: 2236_2253del18

Amino Acid Change: E746_T751del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4010

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM12678

Nucleotide Change: 2237_2251del15

Amino Acid Change: E746_T751>A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4013

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM12386

Nucleotide Change: 2237_2252>T

Amino Acid Change: E746_T751>V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4007

Price: \$3,500.00

Gene Name:EGFR

Mutation Id: COSM12367

Nucleotide Change: 2237_2254del18

Amino Acid Change: E746_S752>A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASO-4022**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12422**Nucleotide Change:** 2238_2248>GC**Amino Acid Change:** L747_A750>P**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4020**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12419**Nucleotide Change:** 2238_2252>GCA**Amino Acid Change:** L747_T751>Q**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4005**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM6220**Nucleotide Change:** 2238_2255del18**Amino Acid Change:** E746_S752>D**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4023**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM6218**Nucleotide Change:** 2239_2247del9**Amino Acid Change:** L747_E749delLRE**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4021**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12382**Nucleotide Change:** 2239_2248TTAAGAGAAG>C**Amino Acid Change:** L747_A750>P**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASO-4018**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12383**Nucleotide Change:** 2239_2251>C**Amino Acid Change:** L747_T751>P**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASO-4006**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12387**Nucleotide Change:** 2239_2258>CA**Amino Acid Change:** L747_P753>Q**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASO-4019**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM6210**Nucleotide Change:** 2240_2251del12**Amino Acid Change:** L747_T751>S**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASO-4012**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12369 (COSM6254)**Nucleotide Change:** 2240_2254del15**Amino Acid Change:** L747_T751del**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASO-4004**Price:** \$3,500.00**Gene Name:**EGFR**Mutation Id:** COSM12370**Nucleotide Change:** 2240_2257del18**Amino Acid Change:** L747_P753>S**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard**

Catalog: ASO-4025
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM6241
Nucleotide Change: 2303G>T
Amino Acid Change: S768I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4026
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM12376
Nucleotide Change: 2307_2308insGCCAGCGTG
Amino Acid Change: V769_D770insASV
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4027
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM12378
Nucleotide Change: 2310_2311insGGT
Amino Acid Change: D770_N771insG
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4028
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM12377
Nucleotide Change: 2319_2320insCAC
Amino Acid Change: H773_V774insH
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4030
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM6224
Nucleotide Change: 2573T>G
Amino Acid Change: L858R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4031

Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM6213
Nucleotide Change: 2582T>A
Amino Acid Change: L861Q
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6182B
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM18422
Nucleotide Change: c.2360A>G
Amino Acid Change: p.Q787R
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6177B
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM6493937/6240
Nucleotide Change: c.2389T>A/c.2369C>T
Amino Acid Change: p.C797S/T790M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6185B
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM85894
Nucleotide Change: c.2527G>A
Amino Acid Change: p.V843I
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6176B
Price: \$3,500.00
Gene Name: EGFR
Mutation Id: COSM5945664/6240
Nucleotide Change: c.2390G>C/c.2369C>T
Amino Acid Change: p.C797S/T790M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6175B
Price: \$3,500.00

Gene Name:ERBB2
Mutation Id: COSM12553
Nucleotide Change: c.2326_2327insTGT
Amino Acid Change: p.G776>VC
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6171B
Price: \$3,500.00
Gene Name:ESR1
Mutation Id: COSM1074635
Nucleotide Change: c.1609T>A
Amino Acid Change: p.Y537N
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6170B
Price: \$3,500.00
Gene Name:ESR1
Mutation Id: COSM1074639
Nucleotide Change: c.1610A>C
Amino Acid Change: p.Y537S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6172B
Price: \$3,500.00
Gene Name:ESR1
Mutation Id: COSM1074637
Nucleotide Change: c.1610A>G
Amino Acid Change: p.Y537C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6169B
Price: \$3,500.00
Gene Name:ESR1
Mutation Id: COSM94250
Nucleotide Change: c.1613A>G
Amino Acid Change: p.D538G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6354B
Price: \$3,500.00
Gene Name:FBXW7

Mutation Id: COSM22971
Nucleotide Change: c.832C>T
Amino Acid Change: p.R278*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6355B
Price: \$3,500.00
Gene Name:FBXW7
Mutation Id: COSM22964
Nucleotide Change: c.1099C>T
Amino Acid Change: p.R367*
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6247B
Price: \$3,500.00
Gene Name:FGFR2
Mutation Id: COSM36903
Nucleotide Change: c.755C>G
Amino Acid Change: p.S252W
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6250B
Price: \$3,500.00
Gene Name:FGFR2
Mutation Id: COSM36904
Nucleotide Change: c.1124A>G
Amino Acid Change: p.Y375C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6251B
Price: \$3,500.00
Gene Name:FGFR2
Mutation Id: COSM36906
Nucleotide Change: c.1144T>C
Amino Acid Change: p.C382R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6208B
Price: \$3,500.00
Gene Name:FGFR3
Mutation Id: COSM714

Nucleotide Change: c.742C>T

Amino Acid Change: p.R248C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6209B

Price: \$3,500.00

Gene Name:FGFR3

Mutation Id: COSM718

Nucleotide Change: c.1118A>G

Amino Acid Change: p.Y373C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6211B

Price: \$3,500.00

Gene Name:FGFR3

Mutation Id: COSM17461

Nucleotide Change: c.1111A>T

Amino Acid Change: p.S371C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6212B

Price: \$3,500.00

Gene Name:FGFR3

Mutation Id: COSM24842

Nucleotide Change: c.1138G>A

Amino Acid Change: p.G380R

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6154B

Price: \$3,500.00

Gene Name:FLT3

Mutation Id: COSM785

Nucleotide Change: c.2503G>C

Amino Acid Change: p.D835H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6157B

Price: \$3,500.00

Gene Name:FLT3

Mutation Id: COSM19836

Nucleotide Change: c.2508_2510delCAT

Amino Acid Change: p.I836del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6279B

Price: \$3,500.00

Gene Name:GNAQ

Mutation Id: COSM28758

Nucleotide Change: c.626A>C

Amino Acid Change: p.Q209P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6281B

Price: \$3,500.00

Gene Name:GNAQ

Mutation Id: COSM28760

Nucleotide Change: c.626A>G

Amino Acid Change: p.Q209R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6278B

Price: \$3,500.00

Gene Name:GNAQ

Mutation Id: COSM28757

Nucleotide Change: c.626A>T

Amino Acid Change: p.Q209L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6285B

Price: \$3,500.00

Gene Name:GNAS

Mutation Id: COSM27899

Nucleotide Change: c.601C>A

Amino Acid Change: p.R201S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6286B

Price: \$3,500.00

Gene Name:GNAS

Mutation Id: COSM27895

Nucleotide Change: c.602G>A

Amino Acid Change: p.R201H

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6468B

Price: \$3,500.00

Gene Name:GNAS

Mutation Id: rs1060500285

Nucleotide Change: c.686A>G

Amino Acid Change: p.D229G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard HCT116 WT

Catalog: ASO-4052

Price: \$3,500.00

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6076B

Price: \$3,500.00

Gene Name:HRAS

Mutation Id: COSM483

Nucleotide Change: c.35G>T

Amino Acid Change: p.G12V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6077B

Price: \$3,500.00

Gene Name:HRAS

Mutation Id: COSM484

Nucleotide Change: c.35G>A

Amino Acid Change: p.G12D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6361B

Price: \$3,500.00

Gene Name:HRAS

Mutation Id: COSM502

Nucleotide Change: c.183G>T

Amino Acid Change: p.Q61H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6079B

Price: \$3,500.00

Gene Name:HRAS

Mutation Id: COSM496
Nucleotide Change: c.181C>A
Amino Acid Change: p.Q61K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6078B
Price: \$3,500.00
Gene Name:HRAS
Mutation Id: COSM486
Nucleotide Change: c.37G>C
Amino Acid Change: p.G13R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6080B
Price: \$3,500.00
Gene Name:HRAS
Mutation Id: COSM499
Nucleotide Change: c.182A>G
Amino Acid Change: p.Q61R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6226B
Price: \$3,500.00
Gene Name:IDH2
Mutation Id: COSM41877
Nucleotide Change: c.418C>T
Amino Acid Change: p.R140W
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6225B
Price: \$3,500.00
Gene Name:IDH2
Mutation Id: COSM41590
Nucleotide Change: c.419G>A
Amino Acid Change: p.R140Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6227B
Price: \$3,500.00
Gene Name:IDH2
Mutation Id: COSM41875

Nucleotide Change: c.419G>T

Amino Acid Change: p.R140L

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6232B

Price: \$3,500.00

Gene Name:IDH2

Mutation Id: COSM33731

Nucleotide Change: c.514A>G

Amino Acid Change: p.R172G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6231B

Price: \$3,500.00

Gene Name:IDH2

Mutation Id: COSM34039

Nucleotide Change: c.514A>T

Amino Acid Change: p.R172W

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6228B

Price: \$3,500.00

Gene Name:IDH2

Mutation Id: COSM33733

Nucleotide Change: c.515G>A

Amino Acid Change: p.R172K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6229B

Price: \$3,500.00

Gene Name:IDH2

Mutation Id: COSM33732

Nucleotide Change: c.515G>T

Amino Acid Change: p.R172M

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6230B

Price: \$3,500.00

Gene Name:IDH2

Mutation Id: COSM34090

Nucleotide Change: c.516G>T

Amino Acid Change: p.R172S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6120B

Price: \$3,500.00

Gene Name:JAK2

Mutation Id: COSM12600

Nucleotide Change: c.1849G>T

Amino Acid Change: p.V617F

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6121B

Price: \$3,500.00

Gene Name:JAK2

Mutation Id: COSM4391514

Nucleotide Change: c.1843G>T

Amino Acid Change: p.V615L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6122B

Price: \$3,500.00

Gene Name:JAK2

Mutation Id: COSM29117

Nucleotide Change: c.1849G>A

Amino Acid Change: p.V617I

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6160B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1226

Nucleotide Change: c.1670_1675delGGAAGG

Amino Acid Change: p.W557_V559>F

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6162B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1314

Nucleotide Change: c.2447A>T

Amino Acid Change: p.D816V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6163B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1310

Nucleotide Change: c.2446G>T

Amino Acid Change: p.D816Y

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6164B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1311

Nucleotide Change: c.2446G>C

Amino Acid Change: p.D816H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6166B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1255

Nucleotide Change: c.1676T>C

Amino Acid Change: p.V559A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6167B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1257

Nucleotide Change: c.1679T>A

Amino Acid Change: p.V560D

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6159B

Price: \$3,500.00

Gene Name:KIT

Mutation Id: COSM1221

Nucleotide Change: c.1669T>G

Amino Acid Change: p.W557G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASE-6165B**Price:** \$3,500.00**Gene Name:**KIT**Mutation Id:** COSM1252**Nucleotide Change:** c.1676T>A**Amino Acid Change:** p.V559D**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6410B**Price:** \$3,500.00**Gene Name:**KIT**Mutation Id:** COSM21979**Nucleotide Change:** c.2446_2447GA>AT**Amino Acid Change:** p.D816I**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6411B**Price:** \$3,500.00**Gene Name:**KIT**Mutation Id:** COSM1254**Nucleotide Change:** c.1676_1684del9**Amino Acid Change:** p.V559_E561del**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6423B**Price:** \$3,500.00**Gene Name:**KIT**Mutation Id:** COSM1256**Nucleotide Change:** c.1678_1680delGTT**Amino Acid Change:** p.V560del**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6531B**Price:** \$3,500.00**Gene Name:**KIT**Mutation Id:** COSM1247**Nucleotide Change:** c.1675_1677delGTT**Amino Acid Change:** p.V559del**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASO-4038**Price:** \$3,500.00**Gene Name:** KRAS**Mutation Id:** COSM527**Nucleotide Change:** 37G>T**Amino Acid Change:** G13C**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6062B**Price:** \$3,500.00**Gene Name:** KRAS**Mutation Id:** COSM554**Nucleotide Change:** c.183A>C**Amino Acid Change:** p.Q61H**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4033**Price:** \$3,500.00**Gene Name:** KRAS**Mutation Id:** COSM517**Nucleotide Change:** 34G>A**Amino Acid Change:** G12S**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4034**Price:** \$3,500.00**Gene Name:** KRAS**Mutation Id:** COSM518**Nucleotide Change:** 34G>C**Amino Acid Change:** G12R**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASO-4032**Price:** \$3,500.00**Gene Name:** KRAS**Mutation Id:** COSM516**Nucleotide Change:** 34G>T**Amino Acid Change:** G12C**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard***

Catalog: ASO-4036
Price: \$3,500.00
Gene Name:KRAS
Mutation Id: COSM521
Nucleotide Change: 35G>A
Amino Acid Change: G12D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4037
Price: \$3,500.00
Gene Name:KRAS
Mutation Id: COSM522
Nucleotide Change: 35G>C
Amino Acid Change: G12A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4035
Price: \$3,500.00
Gene Name:KRAS
Mutation Id: COSM520
Nucleotide Change: 35G>T
Amino Acid Change: G12V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4039
Price: \$3,500.00
Gene Name:KRAS
Mutation Id: COSM528
Nucleotide Change: 37G>A
Amino Acid Change: G13S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4040
Price: \$3,500.00
Gene Name:KRAS
Mutation Id: COSM529
Nucleotide Change: 37G>C
Amino Acid Change: G13R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4041

Price: \$3,500.00
Gene Name: KRAS
Mutation Id: COSM532
Nucleotide Change: 38G>A
Amino Acid Change: G13D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4042
Price: \$3,500.00
Gene Name: KRAS
Mutation Id: COSM533
Nucleotide Change: 38G>C
Amino Acid Change: G13A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASO-4043
Price: \$3,500.00
Gene Name: KRAS
Mutation Id: COSM534
Nucleotide Change: 38G>T
Amino Acid Change: G13V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6201B
Price: \$3,500.00
Gene Name: MAP2K1
Mutation Id: COSM235614
Nucleotide Change: c.370C>T
Amino Acid Change: p.P124S
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6204B
Price: \$3,500.00
Gene Name: MAP2K1
Mutation Id: COSM232755
Nucleotide Change: c.607G>A
Amino Acid Change: p.E203K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6202B
Price: \$3,500.00

Gene Name:MAP2K1
Mutation Id: COSM1315861
Nucleotide Change: c.371C>T
Amino Acid Change: p.P124L
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6205B
Price: \$3,500.00
Gene Name:MAP2K1
Mutation Id: COSM1235478
Nucleotide Change: c.171G>T
Amino Acid Change: p.K57N
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6299B
Price: \$3,500.00
Gene Name:MET
Mutation Id: COSM707
Nucleotide Change: c.3029C>T
Amino Acid Change: p.T1010I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6300B
Price: \$3,500.00
Gene Name:MET
Mutation Id: COSM699
Nucleotide Change: c.3743A>G
Amino Acid Change: p.Y1248C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6303B
Price: \$3,500.00
Gene Name:MET
Mutation Id: COSM706
Nucleotide Change: c.504G>T
Amino Acid Change: p.E168D
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6296B
Price: \$3,500.00
Gene Name:MLH1

Mutation Id: COSM2985326
Nucleotide Change: c.967C>A
Amino Acid Change: p.L323M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6297B
Price: \$3,500.00
Gene Name:MLH1
Mutation Id: COSM26085
Nucleotide Change: c.1151T>A
Amino Acid Change: p.V384D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6271B
Price: \$3,500.00
Gene Name:NOTCH1
Mutation Id: COSM12772
Nucleotide Change: c.4721T>C
Amino Acid Change: p.L1574P
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6272B
Price: \$3,500.00
Gene Name:NOTCH1
Mutation Id: COSM13047
Nucleotide Change: c.4732_4734delGTG
Amino Acid Change: p.V1578delV
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6273B
Price: \$3,500.00
Gene Name:NOTCH1
Mutation Id: COSM13042
Nucleotide Change: c.4778T>C
Amino Acid Change: p.L1593P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6275B
Price: \$3,500.00
Gene Name:NOTCH1
Mutation Id: COSM12771

Nucleotide Change: c.4799T>C

Amino Acid Change: p.L1600P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6277B

Price: \$3,500.00

Gene Name:NOTCH1

Mutation Id: COSM33747

Nucleotide Change: c.5094C>T

Amino Acid Change: p.D1698D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6068B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM573

Nucleotide Change: c.38G>A

Amino Acid Change: p.G13D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6366B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM585

Nucleotide Change: c.183A>T

Amino Acid Change: p.Q61H

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6368B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM566

Nucleotide Change: c.35G>T

Amino Acid Change: p.G12V

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6072B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM580

Nucleotide Change: c.181C>A

Amino Acid Change: p.Q61K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6071B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM584

Nucleotide Change: c.182A>G

Amino Acid Change: p.Q61R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6073B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM583

Nucleotide Change: c.182A>T

Amino Acid Change: p.Q61L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6200B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM5044298

Nucleotide Change: c.183_183delA

Amino Acid Change: p.E62fs*6

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6066B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM563

Nucleotide Change: c.34G>A

Amino Acid Change: p.G12S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6067B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM562

Nucleotide Change: c.34G>T

Amino Acid Change: p.G12C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6065B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM564

Nucleotide Change: c.35G>A

Amino Acid Change: p.G12D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6069B

Price: \$3,500.00

Gene Name:NRAS

Mutation Id: COSM569

Nucleotide Change: c.37G>C

Amino Acid Change: p.G13R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6254B

Price: \$3,500.00

Gene Name:PDGFRA

Mutation Id: COSM22413

Nucleotide Change: c.2472C>T

Amino Acid Change: p.V824V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6255B

Price: \$3,500.00

Gene Name:PDGFRA

Mutation Id: COSM736

Nucleotide Change: c.2525A>T

Amino Acid Change: p.D842V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6256B

Price: \$3,500.00

Gene Name:PDGFRA

Mutation Id: COSM737

Nucleotide Change: c.2524_2535del12

Amino Acid Change: p.I843_D846delIMHD

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASE-6257B**Price:** \$3,500.00**Gene Name:**PDGFRA**Mutation Id:** COSM12400**Nucleotide Change:** c.2527_2538del12**Amino Acid Change:** p.I843_D846delIMHD**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6058B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM746**Nucleotide Change:** c.263G>A**Amino Acid Change:** p.R88Q**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6056B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM12458**Nucleotide Change:** c.1634A>C**Amino Acid Change:** p.E545A**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6060B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM757**Nucleotide Change:** c.1258T>C**Amino Acid Change:** p.C420R**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6053B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM760**Nucleotide Change:** c.1624G>A**Amino Acid Change:** p.E542K**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASE-6054B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM763**Nucleotide Change:** c.1633G>A**Amino Acid Change:** p.E545K**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6055B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM764**Nucleotide Change:** c.1634A>G**Amino Acid Change:** p.E545G**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6057B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM766**Nucleotide Change:** c.1636C>A**Amino Acid Change:** p.Q546K**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6051B**Price:** \$3,500.00**Gene Name:**PIK3CA**Mutation Id:** COSM775**Nucleotide Change:** c.3140A>G**Amino Acid Change:** p.H1047R**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6070B**Price:** \$3,500.00**Gene Name:**NRAS**Mutation Id:** COSM574**Nucleotide Change:** c.38G>T**Amino Acid Change:** p.G13V**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Block Reference Standard***

Catalog: ASE-6243B
Price: \$3,500.00
Gene Name: PIK3R1
Mutation Id: COSM1069619
Nucleotide Change: c.1718T>C
Amino Acid Change: p.L573P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6244B
Price: \$3,500.00
Gene Name: PIK3R1
Mutation Id: COSM85927
Nucleotide Change: c.1721G>T
Amino Acid Change: p.R574I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6245B
Price: \$3,500.00
Gene Name: PIK3R1
Mutation Id: COSM1069623
Nucleotide Change: c.1721_1722insA
Amino Acid Change: p.T576fs*26
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6246B
Price: \$3,500.00
Gene Name: PIK3R1
Mutation Id: COSM35737
Nucleotide Change: c.1727_1729delCGA
Amino Acid Change: p.T576del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6425B
Price: \$3,500.00
Gene Name: PIK3R1
Mutation Id: COSM85885
Nucleotide Change: c.1709_1735del27
Amino Acid Change: p.L570_D578del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6129B

Price: \$3,500.00

Gene Name:PTEN

Mutation Id: COSM5152

Nucleotide Change: c.388C>T

Amino Acid Change: p.R130*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6130B

Price: \$3,500.00

Gene Name:PTEN

Mutation Id: COSM5216

Nucleotide Change: c.389G>T

Amino Acid Change: p.R130L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6131B

Price: \$3,500.00

Gene Name:PTEN

Mutation Id: COSM5089

Nucleotide Change: c.517C>T

Amino Acid Change: p.R173C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6132B

Price: \$3,500.00

Gene Name:PTEN

Mutation Id: COSM5039

Nucleotide Change: c.518G>A

Amino Acid Change: p.R173H

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6134B

Price: \$3,500.00

Gene Name:PTEN

Mutation Id: COSM4391544

Nucleotide Change: c.377C>G

Amino Acid Change: p.A126G

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6127B

Price: \$3,500.00

Gene Name:PTEN
Mutation Id: COSM5219
Nucleotide Change: c.388C>G
Amino Acid Change: p.R130G
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6128B
Price: \$3,500.00
Gene Name:PTEN
Mutation Id: COSM5033
Nucleotide Change: c.389G>A
Amino Acid Change: p.R130Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6133B
Price: \$3,500.00
Gene Name:PTEN
Mutation Id: COSM5154
Nucleotide Change: c.697C>T
Amino Acid Change: p.R233*
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6123B
Price: \$3,500.00
Gene Name:RB1
Mutation Id: COSM892
Nucleotide Change: c.1735C>T
Amino Acid Change: p.R579*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6125B
Price: \$3,500.00
Gene Name:RB1
Mutation Id: COSM878
Nucleotide Change: c.751C>T
Amino Acid Change: p.R251*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6315B
Price: \$3,500.00
Gene Name:RET

Mutation Id: COSM968
Nucleotide Change: c.1894_1899delGAGCTG
Amino Acid Change: p.E632_L633del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard RKO WT

Catalog: ASO-4051
Price: \$3,500.00

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6322B
Price: \$3,500.00
Gene Name:ROS1
Mutation Id: COSM1697823
Nucleotide Change: c.4924G>A
Amino Acid Change: p.E1642K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6319B
Price: \$3,500.00
Gene Name:SMAD4
Mutation Id: COSM14049
Nucleotide Change: c.1067C>T
Amino Acid Change: p.P356L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6320B
Price: \$3,500.00
Gene Name:SMAD4
Mutation Id: COSM1226726
Nucleotide Change: c.1066C>T
Amino Acid Change: p.P356S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6372B
Price: \$3,500.00
Gene Name:STK11
Mutation Id: COSM21360
Nucleotide Change: c.1062C>G
Amino Acid Change: p.F354L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6375B
Price: \$3,500.00
Gene Name:STK11
Mutation Id: COSM20943
Nucleotide Change: c.508C>T
Amino Acid Change: p.Q170*
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6376B
Price: \$3,500.00
Gene Name:STK11
Mutation Id: COSM21354
Nucleotide Change: c.511G>A
Amino Acid Change: p.G171S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6091B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10662
Nucleotide Change: c.743G>A
Amino Acid Change: p.R248Q
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6082B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10648
Nucleotide Change: c.524G>A
Amino Acid Change: p.R175H
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6083B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10870
Nucleotide Change: c.523C>G
Amino Acid Change: p.R175G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6084B

Price: \$3,500.00
Gene Name: TP53
Mutation Id: COSM10718
Nucleotide Change: c.524G>T
Amino Acid Change: p.R175L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6094B
Price: \$3,500.00
Gene Name: TP53
Mutation Id: COSM10817
Nucleotide Change: c.747G>T
Amino Acid Change: p.R249S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6095B
Price: \$3,500.00
Gene Name: TP53
Mutation Id: COSM43629
Nucleotide Change: c.745A>T
Amino Acid Change: p.R249W
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6096B
Price: \$3,500.00
Gene Name: TP53
Mutation Id: COSM43871
Nucleotide Change: c.746G>T
Amino Acid Change: p.R249M
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6097B
Price: \$3,500.00
Gene Name: TP53
Mutation Id: COSM10668
Nucleotide Change: c.745A>G
Amino Acid Change: p.R249G
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6191B
Price: \$3,500.00

Gene Name:TP53
Mutation Id: COSM10690
Nucleotide Change: c.473G>A
Amino Acid Change: p.R158H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6192B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10714
Nucleotide Change: c.473G>T
Amino Acid Change: p.R158L
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6195B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10670
Nucleotide Change: c.469G>T
Amino Acid Change: p.V157F
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6196B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM43903
Nucleotide Change: c.470T>G
Amino Acid Change: p.V157G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6198B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10889
Nucleotide Change: c.536A>G
Amino Acid Change: p.H179R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6085B
Price: \$3,500.00
Gene Name:TP53

Mutation Id: COSM10758
Nucleotide Change: c.659A>G
Amino Acid Change: p.Y220C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6105B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM13747
Nucleotide Change: c.1146delA
Amino Acid Change: p.K382fs*>12
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6379B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10808
Nucleotide Change: c.488A>G
Amino Acid Change: p.Y163C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6380B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM44623
Nucleotide Change: c.487T>A
Amino Acid Change: p.Y163N
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6381B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM43846
Nucleotide Change: c.487T>C
Amino Acid Change: p.Y163H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6382B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM43559

Nucleotide Change: c.517G>T

Amino Acid Change: p.V173L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6383B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM11084

Nucleotide Change: c.517G>A

Amino Acid Change: p.V173M

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6387B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM43947

Nucleotide Change: c.614A>G

Amino Acid Change: p.Y205C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6388B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM43844

Nucleotide Change: c.613T>G

Amino Acid Change: p.Y205D

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6389B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM10654

Nucleotide Change: c.637C>T

Amino Acid Change: p.R213*

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6392B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM43687

Nucleotide Change: c.641A>G

Amino Acid Change: p.H214R

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6393B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM10725

Nucleotide Change: c.701A>G

Amino Acid Change: p.Y234C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6394B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM11152

Nucleotide Change: c.700T>C

Amino Acid Change: p.Y234H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6399B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM10810

Nucleotide Change: c.725G>T

Amino Acid Change: p.C242F

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6436B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM45666

Nucleotide Change: c.810_811insN

Amino Acid Change: p.E271fs*35

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6514B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM45975

Nucleotide Change: c.703delA

Amino Acid Change: p.N235fs*12

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6515B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM44543

Nucleotide Change: c.464_465insN

Amino Acid Change: p.R156fs*25

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6516B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM43546

Nucleotide Change: c.516_517insN

Amino Acid Change: p.V173fs*8

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6517B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM44400

Nucleotide Change: c.702_703insN

Amino Acid Change: p.N235fs*5

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6518B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM1318430

Nucleotide Change: c.516delT

Amino Acid Change: p.V173fs*1

Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6519B

Price: \$3,500.00

Gene Name:TP53

Mutation Id: COSM44361

Nucleotide Change: c.533_534insN

Amino Acid Change: p.H178fs*3

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASE-6520B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM43570**Nucleotide Change:** c.529_546del18**Amino Acid Change:** p.P177_C182delPHHERC**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6521B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM1324785**Nucleotide Change:** c.530_535delCCCACC**Amino Acid Change:** p.P177_H178delPH**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6522B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM46406**Nucleotide Change:** c.643delA**Amino Acid Change:** p.S215fs*32**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6523B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM44887**Nucleotide Change:** c.644delG**Amino Acid Change:** p.S215fs*32**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Block Reference Standard*****Catalog:** ASE-6525B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM69179**Nucleotide Change:** c.560-1_583del25**Amino Acid Change:** p.?**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard**Catalog:** ASE-6526B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM5982134**Nucleotide Change:** c.613_614insT**Amino Acid Change:** p.Y205fs*4**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6527B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM1716966**Nucleotide Change:** c.613_614insC**Amino Acid Change:** p.Y205fs*4**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6529B**Price:** \$3,500.00**Gene Name:**CTNNB1**Mutation Id:** COSM27310**Nucleotide Change:** c.139A>T**Amino Acid Change:** p.S47C**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6530B**Price:** \$3,500.00**Gene Name:**CTNNB1**Mutation Id:** COSM1423011**Nucleotide Change:** c.132T>C**Amino Acid Change:** p.P44P**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Block Reference Standard****Catalog:** ASE-6532B**Price:** \$3,500.00**Gene Name:**TP53**Mutation Id:** COSM45847**Nucleotide Change:** c.574_575delCA**Amino Acid Change:** p.Q192fs*16**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Block Reference Standard**

Catalog: ASE-6533B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM4735408
Nucleotide Change: c.571_581del11
Amino Acid Change: p.P191fs*14
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6194B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM11087
Nucleotide Change: c.472C>G
Amino Acid Change: p.R158G
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6193B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM43848
Nucleotide Change: c.472C>T
Amino Acid Change: p.R158C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6086B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10646
Nucleotide Change: c.725G>A
Amino Acid Change: p.C242Y
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6087B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM6932
Nucleotide Change: c.733G>A
Amino Acid Change: p.G245S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6090B

Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM11081
Nucleotide Change: c.733G>T
Amino Acid Change: p.G245C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6088B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM43606
Nucleotide Change: c.734G>A
Amino Acid Change: p.G245D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6089B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM11196
Nucleotide Change: c.734G>T
Amino Acid Change: p.G245V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6092B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10656
Nucleotide Change: c.742C>T
Amino Acid Change: p.R248W
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6093B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM6549
Nucleotide Change: c.743G>T
Amino Acid Change: p.R248L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6099B
Price: \$3,500.00

Gene Name:TP53
Mutation Id: COSM10659
Nucleotide Change: c.817C>T
Amino Acid Change: p.R273C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6098B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10660
Nucleotide Change: c.818G>A
Amino Acid Change: p.R273H
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6101B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM11232
Nucleotide Change: c.842A>G
Amino Acid Change: p.D281G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6103B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM10992
Nucleotide Change: c.844C>G
Amino Acid Change: p.R282G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Block Reference Standard

Catalog: ASE-6104B
Price: \$3,500.00
Gene Name:TP53
Mutation Id: COSM44338
Nucleotide Change: c.845G>A
Amino Acid Change: p.R282Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6262F
Price: \$400.00
Gene Name:ABL1

Mutation Id: COSM12578
Nucleotide Change: c.1052T>C
Amino Acid Change: p.M351T
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6061F

Price: \$400.00

Gene Name:AKT1

Mutation Id: COSM33765

Nucleotide Change: c.49G>A

Amino Acid Change: p.E17K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6308F

Price: \$400.00

Gene Name:ALK

Mutation Id: COSM28059

Nucleotide Change: c.3521T>G

Amino Acid Change: p.F1174C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6309F

Price: \$400.00

Gene Name:ALK

Mutation Id: COSM28056

Nucleotide Change: c.3824G>A

Amino Acid Change: p.R1275Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6310F

Price: \$400.00

Gene Name:ALK

Mutation Id: COSM28060

Nucleotide Change: c.3824G>T

Amino Acid Change: p.R1275L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6311F

Price: \$400.00

Gene Name:ALK

Mutation Id: COSM99137

Nucleotide Change: c.3586C>A

Amino Acid Change: p.L1196M

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6148F

Price: \$400.00

Gene Name:APC

Mutation Id: COSM13864

Nucleotide Change: c.4393_4394delAG

Amino Acid Change: p.S1465fs*3

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6144F

Price: \$400.00

Gene Name:APC

Mutation Id: COSM13127

Nucleotide Change: c.4348C>T

Amino Acid Change: p.R1450*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6412F

Price: \$400.00

Gene Name:APC

Mutation Id: COSM41607

Nucleotide Change: c.4090_4091insA

Amino Acid Change: p.S1364fs*11

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6435F

Price: \$400.00

Gene Name:APC

Mutation Id: COSM18761

Nucleotide Change: c.4090delA

Amino Acid Change: p.S1364fs*51

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6150F

Price: \$400.00

Gene Name:APC

Mutation Id: COSM13134

Nucleotide Change: c.637C>T

Amino Acid Change: p.R213*

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3047

Price: \$400.00

Gene Name:BRAF

Mutation Id: COSM476

Nucleotide Change: 1799T>A

Amino Acid Change: V600E

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3044

Price: \$400.00

Gene Name:BRAF

Mutation Id: COSM473

Nucleotide Change: 1798_1799GT>AA

Amino Acid Change: V600K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3045

Price: \$400.00

Gene Name:BRAF

Mutation Id: COSM474

Nucleotide Change: 1798_1799GT>AG

Amino Acid Change: V600R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3049

Price: \$400.00

Gene Name:BRAF

Mutation Id: COSM1130

Nucleotide Change: 1798G>A

Amino Acid Change: V600M

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3046

Price: \$400.00

Gene Name:BRAF

Mutation Id: COSM475

Nucleotide Change: 1799_1800TG>AA

Amino Acid Change: V600E

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3048

Price: \$400.00

Gene Name: BRAF

Mutation Id: COSM477

Nucleotide Change: 1799_1800TG>AT

Amino Acid Change: V600D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3050

Price: \$400.00

Gene Name: BRAF

Mutation Id: COSM6137

Nucleotide Change: 1799T>G

Amino Acid Change: V600G

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6108F

Price: \$400.00

Gene Name: BRCA1

Mutation Id: COSM35891

Nucleotide Change: c.5263_5264insC(5382insC)

Amino Acid Change: p.Q1756fs*74

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6107F

Price: \$400.00

Gene Name: BRCA1

Mutation Id: COSM3190163

Nucleotide Change: c.68_69delAG

Amino Acid Change: p.E23fs*17

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6106F

Price: \$400.00

Gene Name: BRCA1

Mutation Id: COSM78883

Nucleotide Change: c.5503C>T

Amino Acid Change: p.R1835*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6113F**Price:** \$400.00**Gene Name:**BRCA1**Mutation Id:** rs80357997**Nucleotide Change:** c.5137GdelG**Amino Acid Change:** p.V1713***Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6114F**Price:** \$400.00**Gene Name:**BRCA1**Mutation Id:** ClinVar55412**Nucleotide Change:** c.5138T>C**Amino Acid Change:** p.V1713A**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6115F**Price:** \$400.00**Gene Name:**BRCA1**Mutation Id:** COSM148277**Nucleotide Change:** c.3548A>G**Amino Acid Change:** p.K1183R**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6116F**Price:** \$400.00**Gene Name:**BRCA1**Mutation Id:** COSM148278**Nucleotide Change:** c.2612C>T**Amino Acid Change:** p.P871L**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6112F**Price:** \$400.00**Gene Name:**BRCA1**Mutation Id:** OMIM: 113705.0025**Nucleotide Change:** c.3481_3491del11**Amino Acid Change:** p.E1161Fs**Frequency:** Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6119F**Price:** \$400.00**Gene Name:**BRCA2**Mutation Id:** COSM1738242**Nucleotide Change:** c.7934delG**Amino Acid Change:** p.R2645fs*3**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6337F**Price:** \$400.00**Gene Name:**BRCA2**Mutation Id:** COSM6048457**Nucleotide Change:** c.5067delA**Amino Acid Change:** p.K1691fs*15**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6513F**Price:** \$400.00**Gene Name:**BRCA2**Mutation Id:** COSM5078975**Nucleotide Change:** c.5066_5067insA**Amino Acid Change:** p.W1692fs*3**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6294F**Price:** \$400.00**Gene Name:**CDH1**Mutation Id:** COSM972800**Nucleotide Change:** c.2195G>A**Amino Acid Change:** p.R732Q**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6295F**Price:** \$400.00**Gene Name:**CDX2**Mutation Id:** COSM1366182**Nucleotide Change:** c.916delG**Amino Acid Change:** p.V306fs*2**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard**

Catalog: ASE-6137F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM5663
Nucleotide Change: c.133T>C
Amino Acid Change: p.S45P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6138F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM5662
Nucleotide Change: c.110C>T
Amino Acid Change: p.S37F
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6142F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM5676
Nucleotide Change: c.122C>T
Amino Acid Change: p.T41I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6524F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM6132
Nucleotide Change: c.136_141delCTGAGT
Amino Acid Change: p.L46_S47del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6528F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM5990184
Nucleotide Change: c.116_138del23
Amino Acid Change: p.A39fs*3
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6143F

Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM6128
Nucleotide Change: c.133_135delTCT
Amino Acid Change: p.S45del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6052F
Price: \$400.00
Gene Name:PIK3CA
Mutation Id: COSM776
Nucleotide Change: c.3140A>T
Amino Acid Change: p.H1047L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6140F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM5673
Nucleotide Change: c.98C>A
Amino Acid Change: p.S33Y
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6139F
Price: \$400.00
Gene Name:CTNNB1
Mutation Id: COSM5677
Nucleotide Change: c.98C>G
Amino Acid Change: p.S33C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3008
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM12384
Nucleotide Change: 2237_2255>T
Amino Acid Change: E746_S752>V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3003
Price: \$400.00

Gene Name:EGFR
Mutation Id: COSM6255
Nucleotide Change: 2239_2256del18
Amino Acid Change: L747_S752del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3029

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM6240

Nucleotide Change: c.2369C>T

Amino Acid Change: p.T790M

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6183F

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM13193

Nucleotide Change: c.2477A>G

Amino Acid Change: p.N826S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6343F

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12988

Nucleotide Change: c.2125G>A

Amino Acid Change: p.E709K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6346F

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM236670

Nucleotide Change: c.1476C>A

Amino Acid Change: p.S492R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3000

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM6252
Nucleotide Change: 2155G>A
Amino Acid Change: G719S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3001
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM6253
Nucleotide Change: 2155G>T
Amino Acid Change: G719C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3002
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM6239
Nucleotide Change: 2156G>C
Amino Acid Change: G719A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3015
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM26038
Nucleotide Change: 2233_2247del15
Amino Acid Change: K745_E749delKELRE
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3024
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM13550
Nucleotide Change: 2235_2248>AATTC
Amino Acid Change: E746_A750>IP
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3016
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM6223

Nucleotide Change: 2235_2249del15
Amino Acid Change: E746_A750delIELREA
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3014
Price: \$400.00
Gene Name: EGFR
Mutation Id: COSM13551
Nucleotide Change: 2235_2252>AAT
Amino Acid Change: E746_T751>I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3017
Price: \$400.00
Gene Name: EGFR
Mutation Id: COSM6225
Nucleotide Change: 2236_2250del15
Amino Acid Change: E746_A750delIELREA
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3009
Price: \$400.00
Gene Name: EGFR
Mutation Id: COSM12728
Nucleotide Change: 2236_2253del18
Amino Acid Change: E746_T751del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3010
Price: \$400.00
Gene Name: EGFR
Mutation Id: COSM12678
Nucleotide Change: 2237_2251del15
Amino Acid Change: E746_T751>A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3013
Price: \$400.00
Gene Name: EGFR
Mutation Id: COSM12386
Nucleotide Change: 2237_2252>T

Amino Acid Change: E746_T751>V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3007

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12367

Nucleotide Change: 2237_2254del18

Amino Acid Change: E746_S752>A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3022

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12422

Nucleotide Change: 2238_2248>GC

Amino Acid Change: L747_A750>P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3020

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12419

Nucleotide Change: 2238_2252>GCA

Amino Acid Change: L747_T751>Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3005

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM6220

Nucleotide Change: 2238_2255del18

Amino Acid Change: E746_S752>D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3023

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM6218

Nucleotide Change: 2239_2247del9

Amino Acid Change: L747_E749delLRE

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3021

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12382

Nucleotide Change: 2239_2248TTAAGAGAAG>C

Amino Acid Change: L747_A750>P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3018

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12383

Nucleotide Change: 2239_2251>C

Amino Acid Change: L747_T751>P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3006

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12387

Nucleotide Change: 2239_2258>CA

Amino Acid Change: L747_P753>Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3019

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM6210

Nucleotide Change: 2240_2251del12

Amino Acid Change: L747_T751>S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3012

Price: \$400.00

Gene Name:EGFR

Mutation Id: COSM12369 (COSM6254)

Nucleotide Change: 2240_2254del15

Amino Acid Change: L747_T751del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASO-3004**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM12370**Nucleotide Change:** 2240_2257del18**Amino Acid Change:** L747_P753>S**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3025**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM6241**Nucleotide Change:** 2303G>T**Amino Acid Change:** S768I**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3026**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM12376**Nucleotide Change:** 2307_2308insGCCAGCGTG**Amino Acid Change:** V769_D770insASV**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3027**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM12378**Nucleotide Change:** 2310_2311insGGT**Amino Acid Change:** D770_N771insG**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3028**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM12377**Nucleotide Change:** 2319_2320insCAC**Amino Acid Change:** H773_V774insH**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASO-3030**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM6224**Nucleotide Change:** 2573T>G**Amino Acid Change:** L858R**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASO-3031**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM6213**Nucleotide Change:** 2582T>A**Amino Acid Change:** L861Q**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6182F**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM18422**Nucleotide Change:** c.2360A>G**Amino Acid Change:** p.Q787R**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6177F**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM6493937/6240**Nucleotide Change:** c.2389T>A/c.2369C>T**Amino Acid Change:** p.C797S/T790M**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6185F**Price:** \$400.00**Gene Name:**EGFR**Mutation Id:** COSM85894**Nucleotide Change:** c.2527G>A**Amino Acid Change:** p.V843I**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard**

Catalog: ASE-6176F
Price: \$400.00
Gene Name:EGFR
Mutation Id: COSM5945664/6240
Nucleotide Change: c.2390G>C/c.2369C>T
Amino Acid Change: p.C797S/T790M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6175F
Price: \$400.00
Gene Name:ERBB2
Mutation Id: COSM12553
Nucleotide Change: c.2326_2327insTGT
Amino Acid Change: p.G776>VC
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6171F
Price: \$400.00
Gene Name:ESR1
Mutation Id: COSM1074635
Nucleotide Change: c.1609T>A
Amino Acid Change: p.Y537N
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6170F
Price: \$400.00
Gene Name:ESR1
Mutation Id: COSM1074639
Nucleotide Change: c.1610A>C
Amino Acid Change: p.Y537S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6172F
Price: \$400.00
Gene Name:ESR1
Mutation Id: COSM1074637
Nucleotide Change: c.1610A>G
Amino Acid Change: p.Y537C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6169F

Price: \$400.00
Gene Name:ESR1
Mutation Id: COSM94250
Nucleotide Change: c.1613A>G
Amino Acid Change: p.D538G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6354F
Price: \$400.00
Gene Name:FBXW7
Mutation Id: COSM22971
Nucleotide Change: c.832C>T
Amino Acid Change: p.R278*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6355F
Price: \$400.00
Gene Name:FBXW7
Mutation Id: COSM22964
Nucleotide Change: c.1099C>T
Amino Acid Change: p.R367*
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6247F
Price: \$400.00
Gene Name:FGFR2
Mutation Id: COSM36903
Nucleotide Change: c.755C>G
Amino Acid Change: p.S252W
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6250F
Price: \$400.00
Gene Name:FGFR2
Mutation Id: COSM36904
Nucleotide Change: c.1124A>G
Amino Acid Change: p.Y375C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6251F
Price: \$400.00

Gene Name:FGFR2
Mutation Id: COSM36906
Nucleotide Change: c.1144T>C
Amino Acid Change: p.C382R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6208F
Price: \$400.00
Gene Name:FGFR3
Mutation Id: COSM714
Nucleotide Change: c.742C>T
Amino Acid Change: p.R248C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6209F
Price: \$400.00
Gene Name:FGFR3
Mutation Id: COSM718
Nucleotide Change: c.1118A>G
Amino Acid Change: p.Y373C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6211F
Price: \$400.00
Gene Name:FGFR3
Mutation Id: COSM17461
Nucleotide Change: c.1111A>T
Amino Acid Change: p.S371C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6212F
Price: \$400.00
Gene Name:FGFR3
Mutation Id: COSM24842
Nucleotide Change: c.1138G>A
Amino Acid Change: p.G380R
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6154F
Price: \$400.00
Gene Name:FLT3

Mutation Id: COSM785
Nucleotide Change: c.2503G>C
Amino Acid Change: p.D835H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6157F
Price: \$400.00
Gene Name:FLT3
Mutation Id: COSM19836
Nucleotide Change: c.2508_2510delCAT
Amino Acid Change: p.I836del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6279F
Price: \$400.00
Gene Name:GNAQ
Mutation Id: COSM28758
Nucleotide Change: c.626A>C
Amino Acid Change: p.Q209P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6281F
Price: \$400.00
Gene Name:GNAQ
Mutation Id: COSM28760
Nucleotide Change: c.626A>G
Amino Acid Change: p.Q209R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6278F
Price: \$400.00
Gene Name:GNAQ
Mutation Id: COSM28757
Nucleotide Change: c.626A>T
Amino Acid Change: p.Q209L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6285F
Price: \$400.00
Gene Name:GNAS
Mutation Id: COSM27899

Nucleotide Change: c.601C>A

Amino Acid Change: p.R201S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6286F

Price: \$400.00

Gene Name:GNAS

Mutation Id: COSM27895

Nucleotide Change: c.602G>A

Amino Acid Change: p.R201H

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6468F

Price: \$400.00

Gene Name:GNAS

Mutation Id: rs1060500285

Nucleotide Change: c.686A>G

Amino Acid Change: p.D229G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard HCT116 WT

Catalog: ASO-3052

Price: \$400.00

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6076F

Price: \$400.00

Gene Name:HRAS

Mutation Id: COSM483

Nucleotide Change: c.35G>T

Amino Acid Change: p.G12V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6077F

Price: \$400.00

Gene Name:HRAS

Mutation Id: COSM484

Nucleotide Change: c.35G>A

Amino Acid Change: p.G12D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6361F

Price: \$400.00
Gene Name:HRAS
Mutation Id: COSM502
Nucleotide Change: c.183G>T
Amino Acid Change: p.Q61H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6079F
Price: \$400.00
Gene Name:HRAS
Mutation Id: COSM496
Nucleotide Change: c.181C>A
Amino Acid Change: p.Q61K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6078F
Price: \$400.00
Gene Name:HRAS
Mutation Id: COSM486
Nucleotide Change: c.37G>C
Amino Acid Change: p.G13R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6080F
Price: \$400.00
Gene Name:HRAS
Mutation Id: COSM499
Nucleotide Change: c.182A>G
Amino Acid Change: p.Q61R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6226F
Price: \$400.00
Gene Name:IDH2
Mutation Id: COSM41877
Nucleotide Change: c.418C>T
Amino Acid Change: p.R140W
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6225F
Price: \$400.00

Gene Name:IDH2
Mutation Id: COSM41590
Nucleotide Change: c.419G>A
Amino Acid Change: p.R140Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6227F
Price: \$400.00
Gene Name:IDH2
Mutation Id: COSM41875
Nucleotide Change: c.419G>T
Amino Acid Change: p.R140L
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6232F
Price: \$400.00
Gene Name:IDH2
Mutation Id: COSM33731
Nucleotide Change: c.514A>G
Amino Acid Change: p.R172G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6231F
Price: \$400.00
Gene Name:IDH2
Mutation Id: COSM34039
Nucleotide Change: c.514A>T
Amino Acid Change: p.R172W
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6228F
Price: \$400.00
Gene Name:IDH2
Mutation Id: COSM33733
Nucleotide Change: c.515G>A
Amino Acid Change: p.R172K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6229F
Price: \$400.00
Gene Name:IDH2

Mutation Id: COSM33732
Nucleotide Change: c.515G>T
Amino Acid Change: p.R172M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6230F
Price: \$400.00
Gene Name:IDH2
Mutation Id: COSM34090
Nucleotide Change: c.516G>T
Amino Acid Change: p.R172S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6120F
Price: \$400.00
Gene Name:JAK2
Mutation Id: COSM12600
Nucleotide Change: c.1849G>T
Amino Acid Change: p.V617F
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6121F
Price: \$400.00
Gene Name:JAK2
Mutation Id: COSM4391514
Nucleotide Change: c.1843G>T
Amino Acid Change: p.V615L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6122F
Price: \$400.00
Gene Name:JAK2
Mutation Id: COSM29117
Nucleotide Change: c.1849G>A
Amino Acid Change: p.V617I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6160F
Price: \$400.00
Gene Name:KIT
Mutation Id: COSM1226

Nucleotide Change: c.1670_1675delGGAAGG

Amino Acid Change: p.W557_V559>F

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6162F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1314

Nucleotide Change: c.2447A>T

Amino Acid Change: p.D816V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6163F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1310

Nucleotide Change: c.2446G>T

Amino Acid Change: p.D816Y

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6164F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1311

Nucleotide Change: c.2446G>C

Amino Acid Change: p.D816H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6166F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1255

Nucleotide Change: c.1676T>C

Amino Acid Change: p.V559A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6167F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1257

Nucleotide Change: c.1679T>A

Amino Acid Change: p.V560D

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6159F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1221

Nucleotide Change: c.1669T>G

Amino Acid Change: p.W557G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6165F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1252

Nucleotide Change: c.1676T>A

Amino Acid Change: p.V559D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6410F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM21979

Nucleotide Change: c.2446_2447GA>AT

Amino Acid Change: p.D816I

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6411F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1254

Nucleotide Change: c.1676_1684del9

Amino Acid Change: p.V559_E561del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6423F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1256

Nucleotide Change: c.1678_1680delGTT

Amino Acid Change: p.V560del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6531F

Price: \$400.00

Gene Name:KIT

Mutation Id: COSM1247

Nucleotide Change: c.1675_1677delGTT

Amino Acid Change: p.V559del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3038

Price: \$400.00

Gene Name:KRAS

Mutation Id: COSM527

Nucleotide Change: 37G>T

Amino Acid Change: G13C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6062F

Price: \$400.00

Gene Name:KRAS

Mutation Id: COSM554

Nucleotide Change: c.183A>C

Amino Acid Change: p.Q61H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3033

Price: \$400.00

Gene Name:KRAS

Mutation Id: COSM517

Nucleotide Change: 34G>A

Amino Acid Change: G12S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASO-3034

Price: \$400.00

Gene Name:KRAS

Mutation Id: COSM518

Nucleotide Change: 34G>C

Amino Acid Change: G12R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASO-3032**Price:** \$400.00**Gene Name:** KRAS**Mutation Id:** COSM516**Nucleotide Change:** 34G>T**Amino Acid Change:** G12C**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3036**Price:** \$400.00**Gene Name:** KRAS**Mutation Id:** COSM521**Nucleotide Change:** 35G>A**Amino Acid Change:** G12D**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3037**Price:** \$400.00**Gene Name:** KRAS**Mutation Id:** COSM522**Nucleotide Change:** 35G>C**Amino Acid Change:** G12A**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3035**Price:** \$400.00**Gene Name:** KRAS**Mutation Id:** COSM520**Nucleotide Change:** 35G>T**Amino Acid Change:** G12V**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3039**Price:** \$400.00**Gene Name:** KRAS**Mutation Id:** COSM528**Nucleotide Change:** 37G>A**Amino Acid Change:** G13S**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASO-3040**Price:** \$400.00**Gene Name:**KRAS**Mutation Id:** COSM529**Nucleotide Change:** 37G>C**Amino Acid Change:** G13R**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3041**Price:** \$400.00**Gene Name:**KRAS**Mutation Id:** COSM532**Nucleotide Change:** 38G>A**Amino Acid Change:** G13D**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3042**Price:** \$400.00**Gene Name:**KRAS**Mutation Id:** COSM533**Nucleotide Change:** 38G>C**Amino Acid Change:** G13A**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASO-3043**Price:** \$400.00**Gene Name:**KRAS**Mutation Id:** COSM534**Nucleotide Change:** 38G>T**Amino Acid Change:** G13V**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6201F**Price:** \$400.00**Gene Name:**MAP2K1**Mutation Id:** COSM235614**Nucleotide Change:** c.370C>T**Amino Acid Change:** p.P124S**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard***

Catalog: ASE-6204F
Price: \$400.00
Gene Name:MAP2K1
Mutation Id: COSM232755
Nucleotide Change: c.607G>A
Amino Acid Change: p.E203K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6202F
Price: \$400.00
Gene Name:MAP2K1
Mutation Id: COSM1315861
Nucleotide Change: c.371C>T
Amino Acid Change: p.P124L
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6205F
Price: \$400.00
Gene Name:MAP2K1
Mutation Id: COSM1235478
Nucleotide Change: c.171G>T
Amino Acid Change: p.K57N
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6299F
Price: \$400.00
Gene Name:MET
Mutation Id: COSM707
Nucleotide Change: c.3029C>T
Amino Acid Change: p.T1010I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6300F
Price: \$400.00
Gene Name:MET
Mutation Id: COSM699
Nucleotide Change: c.3743A>G
Amino Acid Change: p.Y1248C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6303F

Price: \$400.00
Gene Name:MET
Mutation Id: COSM706
Nucleotide Change: c.504G>T
Amino Acid Change: p.E168D
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6296F
Price: \$400.00
Gene Name:MLH1
Mutation Id: COSM2985326
Nucleotide Change: c.967C>A
Amino Acid Change: p.L323M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6297F
Price: \$400.00
Gene Name:MLH1
Mutation Id: COSM26085
Nucleotide Change: c.1151T>A
Amino Acid Change: p.V384D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6271F
Price: \$400.00
Gene Name:NOTCH1
Mutation Id: COSM12772
Nucleotide Change: c.4721T>C
Amino Acid Change: p.L1574P
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6272F
Price: \$400.00
Gene Name:NOTCH1
Mutation Id: COSM13047
Nucleotide Change: c.4732_4734delGTG
Amino Acid Change: p.V1578delV
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6273F
Price: \$400.00

Gene Name:NOTCH1
Mutation Id: COSM13042
Nucleotide Change: c.4778T>C
Amino Acid Change: p.L1593P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6275F
Price: \$400.00
Gene Name:NOTCH1
Mutation Id: COSM12771
Nucleotide Change: c.4799T>C
Amino Acid Change: p.L1600P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6277F
Price: \$400.00
Gene Name:NOTCH1
Mutation Id: COSM33747
Nucleotide Change: c.5094C>T
Amino Acid Change: p.D1698D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6068F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM573
Nucleotide Change: c.38G>A
Amino Acid Change: p.G13D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6366F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM585
Nucleotide Change: c.183A>T
Amino Acid Change: p.Q61H
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6368F
Price: \$400.00
Gene Name:NRAS

Mutation Id: COSM566
Nucleotide Change: c.35G>T
Amino Acid Change: p.G12V
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6072F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM580
Nucleotide Change: c.181C>A
Amino Acid Change: p.Q61K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6071F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM584
Nucleotide Change: c.182A>G
Amino Acid Change: p.Q61R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6073F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM583
Nucleotide Change: c.182A>T
Amino Acid Change: p.Q61L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6200F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM5044298
Nucleotide Change: c.183_183delA
Amino Acid Change: p.E62fs*6
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6066F
Price: \$400.00
Gene Name:NRAS
Mutation Id: COSM563

Nucleotide Change: c.34G>A

Amino Acid Change: p.G12S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6067F

Price: \$400.00

Gene Name:NRAS

Mutation Id: COSM562

Nucleotide Change: c.34G>T

Amino Acid Change: p.G12C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6065F

Price: \$400.00

Gene Name:NRAS

Mutation Id: COSM564

Nucleotide Change: c.35G>A

Amino Acid Change: p.G12D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6069F

Price: \$400.00

Gene Name:NRAS

Mutation Id: COSM569

Nucleotide Change: c.37G>C

Amino Acid Change: p.G13R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6254F

Price: \$400.00

Gene Name:PDGFRA

Mutation Id: COSM22413

Nucleotide Change: c.2472C>T

Amino Acid Change: p.V824V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6255F

Price: \$400.00

Gene Name:PDGFRA

Mutation Id: COSM736

Nucleotide Change: c.2525A>T

Amino Acid Change: p.D842V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6256F

Price: \$400.00

Gene Name:PDGFRA

Mutation Id: COSM737

Nucleotide Change: c.2524_2535del12

Amino Acid Change: p.I843_D846delIMHD

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6257F

Price: \$400.00

Gene Name:PDGFRA

Mutation Id: COSM12400

Nucleotide Change: c.2527_2538del12

Amino Acid Change: p.I843_D846delIMHD

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6058F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM746

Nucleotide Change: c.263G>A

Amino Acid Change: p.R88Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6056F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM12458

Nucleotide Change: c.1634A>C

Amino Acid Change: p.E545A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6060F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM757

Nucleotide Change: c.1258T>C

Amino Acid Change: p.C420R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6053F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM760

Nucleotide Change: c.1624G>A

Amino Acid Change: p.E542K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6054F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM763

Nucleotide Change: c.1633G>A

Amino Acid Change: p.E545K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6055F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM764

Nucleotide Change: c.1634A>G

Amino Acid Change: p.E545G

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6057F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM766

Nucleotide Change: c.1636C>A

Amino Acid Change: p.Q546K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6051F

Price: \$400.00

Gene Name:PIK3CA

Mutation Id: COSM775

Nucleotide Change: c.3140A>G

Amino Acid Change: p.H1047R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6070F**Price:** \$400.00**Gene Name:**NRAS**Mutation Id:** COSM574**Nucleotide Change:** c.38G>T**Amino Acid Change:** p.G13V**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6243F**Price:** \$400.00**Gene Name:**PIK3R1**Mutation Id:** COSM1069619**Nucleotide Change:** c.1718T>C**Amino Acid Change:** p.L573P**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6244F**Price:** \$400.00**Gene Name:**PIK3R1**Mutation Id:** COSM85927**Nucleotide Change:** c.1721G>T**Amino Acid Change:** p.R574I**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6245F**Price:** \$400.00**Gene Name:**PIK3R1**Mutation Id:** COSM1069623**Nucleotide Change:** c.1721_1722insA**Amino Acid Change:** p.T576fs*26**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6246F**Price:** \$400.00**Gene Name:**PIK3R1**Mutation Id:** COSM35737**Nucleotide Change:** c.1727_1729delCGA**Amino Acid Change:** p.T576del**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6425F**Price:** \$400.00**Gene Name:**PIK3R1**Mutation Id:** COSM85885**Nucleotide Change:** c.1709_1735del27**Amino Acid Change:** p.L570_D578del**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6129F**Price:** \$400.00**Gene Name:**PTEN**Mutation Id:** COSM5152**Nucleotide Change:** c.388C>T**Amino Acid Change:** p.R130***Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6130F**Price:** \$400.00**Gene Name:**PTEN**Mutation Id:** COSM5216**Nucleotide Change:** c.389G>T**Amino Acid Change:** p.R130L**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6131F**Price:** \$400.00**Gene Name:**PTEN**Mutation Id:** COSM5089**Nucleotide Change:** c.517C>T**Amino Acid Change:** p.R173C**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6132F**Price:** \$400.00**Gene Name:**PTEN**Mutation Id:** COSM5039**Nucleotide Change:** c.518G>A**Amino Acid Change:** p.R173H**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard**

Catalog: ASE-6134F
Price: \$400.00
Gene Name:PTEN
Mutation Id: COSM4391544
Nucleotide Change: c.377C>G
Amino Acid Change: p.A126G
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6127F
Price: \$400.00
Gene Name:PTEN
Mutation Id: COSM5219
Nucleotide Change: c.388C>G
Amino Acid Change: p.R130G
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6128F
Price: \$400.00
Gene Name:PTEN
Mutation Id: COSM5033
Nucleotide Change: c.389G>A
Amino Acid Change: p.R130Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6133F
Price: \$400.00
Gene Name:PTEN
Mutation Id: COSM5154
Nucleotide Change: c.697C>T
Amino Acid Change: p.R233*
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6123F
Price: \$400.00
Gene Name:RB1
Mutation Id: COSM892
Nucleotide Change: c.1735C>T
Amino Acid Change: p.R579*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6125F

Price: \$400.00
Gene Name:RB1
Mutation Id: COSM878
Nucleotide Change: c.751C>T
Amino Acid Change: p.R251*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6315F
Price: \$400.00
Gene Name:RET
Mutation Id: COSM968
Nucleotide Change: c.1894_1899delGAGCTG
Amino Acid Change: p.E632_L633del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard RKO WT

Catalog: ASO-3051
Price: \$400.00

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6322F
Price: \$400.00
Gene Name:ROS1
Mutation Id: COSM1697823
Nucleotide Change: c.4924G>A
Amino Acid Change: p.E1642K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6319F
Price: \$400.00
Gene Name:SMAD4
Mutation Id: COSM14049
Nucleotide Change: c.1067C>T
Amino Acid Change: p.P356L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6320F
Price: \$400.00
Gene Name:SMAD4
Mutation Id: COSM1226726
Nucleotide Change: c.1066C>T
Amino Acid Change: p.P356S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6372F**Price:** \$400.00**Gene Name:**STK11**Mutation Id:** COSM21360**Nucleotide Change:** c.1062C>G**Amino Acid Change:** p.F354L**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6375F**Price:** \$400.00**Gene Name:**STK11**Mutation Id:** COSM20943**Nucleotide Change:** c.508C>T**Amino Acid Change:** p.Q170***Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6376F**Price:** \$400.00**Gene Name:**STK11**Mutation Id:** COSM21354**Nucleotide Change:** c.511G>A**Amino Acid Change:** p.G171S**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6091F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10662**Nucleotide Change:** c.743G>A**Amino Acid Change:** p.R248Q**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6082F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10648**Nucleotide Change:** c.524G>A**Amino Acid Change:** p.R175H**Frequency:** Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6083F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10870**Nucleotide Change:** c.523C>G**Amino Acid Change:** p.R175G**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6084F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10718**Nucleotide Change:** c.524G>T**Amino Acid Change:** p.R175L**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6094F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10817**Nucleotide Change:** c.747G>T**Amino Acid Change:** p.R249S**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6095F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM43629**Nucleotide Change:** c.745A>T**Amino Acid Change:** p.R249W**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6096F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM43871**Nucleotide Change:** c.746G>T**Amino Acid Change:** p.R249M**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Slide Reference Standard**

Catalog: ASE-6097F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10668
Nucleotide Change: c.745A>G
Amino Acid Change: p.R249G
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6191F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10690
Nucleotide Change: c.473G>A
Amino Acid Change: p.R158H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6192F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10714
Nucleotide Change: c.473G>T
Amino Acid Change: p.R158L
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6195F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10670
Nucleotide Change: c.469G>T
Amino Acid Change: p.V157F
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6196F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM43903
Nucleotide Change: c.470T>G
Amino Acid Change: p.V157G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6198F

Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10889
Nucleotide Change: c.536A>G
Amino Acid Change: p.H179R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6085F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10758
Nucleotide Change: c.659A>G
Amino Acid Change: p.Y220C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6105F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM13747
Nucleotide Change: c.1146delA
Amino Acid Change: p.K382fs*>12
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6379F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10808
Nucleotide Change: c.488A>G
Amino Acid Change: p.Y163C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6380F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM44623
Nucleotide Change: c.487T>A
Amino Acid Change: p.Y163N
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6381F
Price: \$400.00

Gene Name:TP53
Mutation Id: COSM43846
Nucleotide Change: c.487T>C
Amino Acid Change: p.Y163H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6382F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM43559
Nucleotide Change: c.517G>T
Amino Acid Change: p.V173L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6383F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM11084
Nucleotide Change: c.517G>A
Amino Acid Change: p.V173M
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6387F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM43947
Nucleotide Change: c.614A>G
Amino Acid Change: p.Y205C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6388F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM43844
Nucleotide Change: c.613T>G
Amino Acid Change: p.Y205D
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6389F
Price: \$400.00
Gene Name:TP53

Mutation Id: COSM10654
Nucleotide Change: c.637C>T
Amino Acid Change: p.R213*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6392F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM43687
Nucleotide Change: c.641A>G
Amino Acid Change: p.H214R
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6393F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10725
Nucleotide Change: c.701A>G
Amino Acid Change: p.Y234C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6394F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM11152
Nucleotide Change: c.700T>C
Amino Acid Change: p.Y234H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6399F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10810
Nucleotide Change: c.725G>T
Amino Acid Change: p.C242F
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6436F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM45666

Nucleotide Change: c.810_811insN

Amino Acid Change: p.E271fs*35

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6514F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM45975

Nucleotide Change: c.703delA

Amino Acid Change: p.N235fs*12

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6515F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM44543

Nucleotide Change: c.464_465insN

Amino Acid Change: p.R156fs*25

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6516F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM43546

Nucleotide Change: c.516_517insN

Amino Acid Change: p.V173fs*8

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6517F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM44400

Nucleotide Change: c.702_703insN

Amino Acid Change: p.N235fs*5

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6518F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM1318430

Nucleotide Change: c.516delT

Amino Acid Change: p.V173fs*1

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6519F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM44361

Nucleotide Change: c.533_534insN

Amino Acid Change: p.H178fs*3

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6520F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM43570

Nucleotide Change: c.529_546del18

Amino Acid Change: p.P177_C182delPHHERC

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6521F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM1324785

Nucleotide Change: c.530_535delCCCACC

Amino Acid Change: p.P177_H178delPH

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6522F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM46406

Nucleotide Change: c.643delA

Amino Acid Change: p.S215fs*32

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6523F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM44887

Nucleotide Change: c.644delG

Amino Acid Change: p.S215fs*32

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6525F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM69179

Nucleotide Change: c.560-1_583del25

Amino Acid Change: p.?

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6526F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM5982134

Nucleotide Change: c.613_614insT

Amino Acid Change: p.Y205fs*4

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6527F

Price: \$400.00

Gene Name:TP53

Mutation Id: COSM1716966

Nucleotide Change: c.613_614insC

Amino Acid Change: p.Y205fs*4

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6529F

Price: \$400.00

Gene Name:CTNNB1

Mutation Id: COSM27310

Nucleotide Change: c.139A>T

Amino Acid Change: p.S47C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6530F

Price: \$400.00

Gene Name:CTNNB1

Mutation Id: COSM1423011

Nucleotide Change: c.132T>C

Amino Acid Change: p.P44P

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6532F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM45847**Nucleotide Change:** c.574_575delCA**Amino Acid Change:** p.Q192fs*16**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6533F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM4735408**Nucleotide Change:** c.571_581del11**Amino Acid Change:** p.P191fs*14**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6194F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM11087**Nucleotide Change:** c.472C>G**Amino Acid Change:** p.R158G**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6193F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM43848**Nucleotide Change:** c.472C>T**Amino Acid Change:** p.R158C**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Slide Reference Standard*****Catalog:** ASE-6086F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10646**Nucleotide Change:** c.725G>A**Amino Acid Change:** p.C242Y**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard**Catalog:** ASE-6087F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM6932**Nucleotide Change:** c.733G>A**Amino Acid Change:** p.G245S**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6090F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM11081**Nucleotide Change:** c.733G>T**Amino Acid Change:** p.G245C**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6088F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM43606**Nucleotide Change:** c.734G>A**Amino Acid Change:** p.G245D**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6089F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM11196**Nucleotide Change:** c.734G>T**Amino Acid Change:** p.G245V**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard****Catalog:** ASE-6092F**Price:** \$400.00**Gene Name:**TP53**Mutation Id:** COSM10656**Nucleotide Change:** c.742C>T**Amino Acid Change:** p.R248W**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Slide Reference Standard**

Catalog: ASE-6093F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM6549
Nucleotide Change: c.743G>T
Amino Acid Change: p.R248L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6099F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10659
Nucleotide Change: c.817C>T
Amino Acid Change: p.R273C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6098F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10660
Nucleotide Change: c.818G>A
Amino Acid Change: p.R273H
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6101F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM11232
Nucleotide Change: c.842A>G
Amino Acid Change: p.D281G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6103F
Price: \$400.00
Gene Name:TP53
Mutation Id: COSM10992
Nucleotide Change: c.844C>G
Amino Acid Change: p.R282G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Slide Reference Standard

Catalog: ASE-6104F

Price: \$400.00
Gene Name:TP53
Mutation Id: COSM44338
Nucleotide Change: c.845G>A
Amino Acid Change: p.R282Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6262S
Price: \$100.00
Gene Name:ABL1
Mutation Id: COSM12578
Nucleotide Change: c.1052T>C
Amino Acid Change: p.M351T
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6061S
Price: \$100.00
Gene Name:AKT1
Mutation Id: COSM33765
Nucleotide Change: c.49G>A
Amino Acid Change: p.E17K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6308S
Price: \$100.00
Gene Name:ALK
Mutation Id: COSM28059
Nucleotide Change: c.3521T>G
Amino Acid Change: p.F1174C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6309S
Price: \$100.00
Gene Name:ALK
Mutation Id: COSM28056
Nucleotide Change: c.3824G>A
Amino Acid Change: p.R1275Q
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6310S
Price: \$100.00

Gene Name:ALK
Mutation Id: COSM28060
Nucleotide Change: c.3824G>T
Amino Acid Change: p.R1275L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6311S
Price: \$100.00
Gene Name:ALK
Mutation Id: COSM99137
Nucleotide Change: c.3586C>A
Amino Acid Change: p.L1196M
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6148S
Price: \$100.00
Gene Name:APC
Mutation Id: COSM13864
Nucleotide Change: c.4393_4394delAG
Amino Acid Change: p.S1465fs*3
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6144S
Price: \$100.00
Gene Name:APC
Mutation Id: COSM13127
Nucleotide Change: c.4348C>T
Amino Acid Change: p.R1450*
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6412S
Price: \$100.00
Gene Name:APC
Mutation Id: COSM41607
Nucleotide Change: c.4090_4091insA
Amino Acid Change: p.S1364fs*11
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6435S
Price: \$100.00
Gene Name:APC

Mutation Id: COSM18761
Nucleotide Change: c.4090delA
Amino Acid Change: p.S1364fs*51
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6150S

Price: \$100.00

Gene Name:APC

Mutation Id: COSM13134

Nucleotide Change: c.637C>T

Amino Acid Change: p.R213*

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5047

Price: \$100.00

Gene Name:BRAF

Mutation Id: COSM476

Nucleotide Change: 1799T>A

Amino Acid Change: V600E

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5044

Price: \$100.00

Gene Name:BRAF

Mutation Id: COSM473

Nucleotide Change: 1798_1799GT>AA

Amino Acid Change: V600K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5045

Price: \$100.00

Gene Name:BRAF

Mutation Id: COSM474

Nucleotide Change: 1798_1799GT>AG

Amino Acid Change: V600R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5049

Price: \$100.00

Gene Name:BRAF

Mutation Id: COSM1130

Nucleotide Change: 1798G>A

Amino Acid Change: V600M

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5046

Price: \$100.00

Gene Name: BRAF

Mutation Id: COSM475

Nucleotide Change: 1799_1800TG>AA

Amino Acid Change: V600E

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5048

Price: \$100.00

Gene Name: BRAF

Mutation Id: COSM477

Nucleotide Change: 1799_1800TG>AT

Amino Acid Change: V600D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5050

Price: \$100.00

Gene Name: BRAF

Mutation Id: COSM6137

Nucleotide Change: 1799T>G

Amino Acid Change: V600G

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6108S

Price: \$100.00

Gene Name: BRCA1

Mutation Id: COSM35891

Nucleotide Change: c.5263_5264insC(5382insC)

Amino Acid Change: p.Q1756fs*74

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6107S

Price: \$100.00

Gene Name: BRCA1

Mutation Id: COSM3190163

Nucleotide Change: c.68_69delAG

Amino Acid Change: p.E23fs*17

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6106S

Price: \$100.00

Gene Name:BRCA1

Mutation Id: COSM78883

Nucleotide Change: c.5503C>T

Amino Acid Change: p.R1835*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6113S

Price: \$100.00

Gene Name:BRCA1

Mutation Id: rs80357997

Nucleotide Change: c.5137GdelG

Amino Acid Change: p.V1713*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6114S

Price: \$100.00

Gene Name:BRCA1

Mutation Id: ClinVar55412

Nucleotide Change: c.5138T>C

Amino Acid Change: p.V1713A

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6115S

Price: \$100.00

Gene Name:BRCA1

Mutation Id: COSM148277

Nucleotide Change: c.3548A>G

Amino Acid Change: p.K1183R

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6116S

Price: \$100.00

Gene Name:BRCA1

Mutation Id: COSM148278

Nucleotide Change: c.2612C>T

Amino Acid Change: p.P871L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6112S

Price: \$100.00

Gene Name:BRCA1

Mutation Id: OMIM: 113705.0025

Nucleotide Change: c.3481_3491del11

Amino Acid Change: p.E1161Fs

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6119S

Price: \$100.00

Gene Name:BRCA2

Mutation Id: COSM1738242

Nucleotide Change: c.7934delG

Amino Acid Change: p.R2645fs*3

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6337S

Price: \$100.00

Gene Name:BRCA2

Mutation Id: COSM6048457

Nucleotide Change: c.5067delA

Amino Acid Change: p.K1691fs*15

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6513S

Price: \$100.00

Gene Name:BRCA2

Mutation Id: COSM5078975

Nucleotide Change: c.5066_5067insA

Amino Acid Change: p.W1692fs*3

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6294S

Price: \$100.00

Gene Name:CDH1

Mutation Id: COSM972800

Nucleotide Change: c.2195G>A

Amino Acid Change: p.R732Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6295S**Price:** \$100.00**Gene Name:**CDX2**Mutation Id:** COSM1366182**Nucleotide Change:** c.916delG**Amino Acid Change:** p.V306fs*2**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6137S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM5663**Nucleotide Change:** c.133T>C**Amino Acid Change:** p.S45P**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6138S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM5662**Nucleotide Change:** c.110C>T**Amino Acid Change:** p.S37F**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6142S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM5676**Nucleotide Change:** c.122C>T**Amino Acid Change:** p.T41I**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6524S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM6132**Nucleotide Change:** c.136_141delCTGAGT**Amino Acid Change:** p.L46_S47del**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6528S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM5990184**Nucleotide Change:** c.116_138del23**Amino Acid Change:** p.A39fs*3**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6143S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM6128**Nucleotide Change:** c.133_135delTCT**Amino Acid Change:** p.S45del**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6052S**Price:** \$100.00**Gene Name:**PIK3CA**Mutation Id:** COSM776**Nucleotide Change:** c.3140A>T**Amino Acid Change:** p.H1047L**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6140S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM5673**Nucleotide Change:** c.98C>A**Amino Acid Change:** p.S33Y**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6139S**Price:** \$100.00**Gene Name:**CTNNB1**Mutation Id:** COSM5677**Nucleotide Change:** c.98C>G**Amino Acid Change:** p.S33C**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard**

Catalog: ASO-5008
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM12384
Nucleotide Change: 2237_2255>T
Amino Acid Change: E746_S752>V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5003
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM6255
Nucleotide Change: 2239_2256del18
Amino Acid Change: L747_S752del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5029
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM6240
Nucleotide Change: c.2369C>T
Amino Acid Change: p.T790M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6183S
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM13193
Nucleotide Change: c.2477A>G
Amino Acid Change: p.N826S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6343S
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM12988
Nucleotide Change: c.2125G>A
Amino Acid Change: p.E709K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6346S

Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM236670
Nucleotide Change: c.1476C>A
Amino Acid Change: p.S492R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5000
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM6252
Nucleotide Change: 2155G>A
Amino Acid Change: G719S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5001
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM6253
Nucleotide Change: 2155G>T
Amino Acid Change: G719C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5002
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM6239
Nucleotide Change: 2156G>C
Amino Acid Change: G719A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5015
Price: \$100.00
Gene Name: EGFR
Mutation Id: COSM26038
Nucleotide Change: 2233_2247del15
Amino Acid Change: K745_E749delKELRE
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5024
Price: \$100.00

Gene Name:EGFR
Mutation Id: COSM13550
Nucleotide Change: 2235_2248>AATTC
Amino Acid Change: E746_A750>IP
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5016
Price: \$100.00
Gene Name:EGFR
Mutation Id: COSM6223
Nucleotide Change: 2235_2249del15
Amino Acid Change: E746_A750delELREA
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5014
Price: \$100.00
Gene Name:EGFR
Mutation Id: COSM13551
Nucleotide Change: 2235_2252>AAT
Amino Acid Change: E746_T751>I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5017
Price: \$100.00
Gene Name:EGFR
Mutation Id: COSM6225
Nucleotide Change: 2236_2250del15
Amino Acid Change: E746_A750delELREA
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5009
Price: \$100.00
Gene Name:EGFR
Mutation Id: COSM12728
Nucleotide Change: 2236_2253del18
Amino Acid Change: E746_T751del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5010
Price: \$100.00
Gene Name:EGFR

Mutation Id: COSM12678
Nucleotide Change: 2237_2251del15
Amino Acid Change: E746_T751>A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5013

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12386

Nucleotide Change: 2237_2252>T

Amino Acid Change: E746_T751>V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5007

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12367

Nucleotide Change: 2237_2254del18

Amino Acid Change: E746_S752>A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5022

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12422

Nucleotide Change: 2238_2248>GC

Amino Acid Change: L747_A750>P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5020

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12419

Nucleotide Change: 2238_2252>GCA

Amino Acid Change: L747_T751>Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5005

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6220

Nucleotide Change: 2238_2255del18

Amino Acid Change: E746_S752>D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5023

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6218

Nucleotide Change: 2239_2247del9

Amino Acid Change: L747_E749delLRE

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5021

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12382

Nucleotide Change: 2239_2248TTAAGAGAAG>C

Amino Acid Change: L747_A750>P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5018

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12383

Nucleotide Change: 2239_2251>C

Amino Acid Change: L747_T751>P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5006

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12387

Nucleotide Change: 2239_2258>CA

Amino Acid Change: L747_P753>Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5019

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6210

Nucleotide Change: 2240_2251del12

Amino Acid Change: L747_T751>S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5012

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12369 (COSM6254)

Nucleotide Change: 2240_2254del15

Amino Acid Change: L747_T751del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5004

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12370

Nucleotide Change: 2240_2257del18

Amino Acid Change: L747_P753>S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5025

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6241

Nucleotide Change: 2303G>T

Amino Acid Change: S768I

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5026

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12376

Nucleotide Change: 2307_2308insGCCAGCGTG

Amino Acid Change: V769_D770insASV

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5027

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12378

Nucleotide Change: 2310_2311insGGT

Amino Acid Change: D770_N771insG

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5028

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM12377

Nucleotide Change: 2319_2320insCAC

Amino Acid Change: H773_V774insH

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5030

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6224

Nucleotide Change: 2573T>G

Amino Acid Change: L858R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5031

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6213

Nucleotide Change: 2582T>A

Amino Acid Change: L861Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6182S

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM18422

Nucleotide Change: c.2360A>G

Amino Acid Change: p.Q787R

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6177S

Price: \$100.00

Gene Name:EGFR

Mutation Id: COSM6493937/6240

Nucleotide Change: c.2389T>A/c.2369C>T

Amino Acid Change: p.C797S/T790M

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6185S**Price:** \$100.00**Gene Name:**EGFR**Mutation Id:** COSM85894**Nucleotide Change:** c.2527G>A**Amino Acid Change:** p.V843I**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6176S**Price:** \$100.00**Gene Name:**EGFR**Mutation Id:** COSM5945664/6240**Nucleotide Change:** c.2390G>C/c.2369C>T**Amino Acid Change:** p.C797S/T790M**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6175S**Price:** \$100.00**Gene Name:**ERBB2**Mutation Id:** COSM12553**Nucleotide Change:** c.2326_2327insTGT**Amino Acid Change:** p.G776>VC**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6171S**Price:** \$100.00**Gene Name:**ESR1**Mutation Id:** COSM1074635**Nucleotide Change:** c.1609T>A**Amino Acid Change:** p.Y537N**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6170S**Price:** \$100.00**Gene Name:**ESR1**Mutation Id:** COSM1074639**Nucleotide Change:** c.1610A>C**Amino Acid Change:** p.Y537S**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6172S**Price:** \$100.00**Gene Name:**ESR1**Mutation Id:** COSM1074637**Nucleotide Change:** c.1610A>G**Amino Acid Change:** p.Y537C**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6169S**Price:** \$100.00**Gene Name:**ESR1**Mutation Id:** COSM94250**Nucleotide Change:** c.1613A>G**Amino Acid Change:** p.D538G**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6354S**Price:** \$100.00**Gene Name:**FBXW7**Mutation Id:** COSM22971**Nucleotide Change:** c.832C>T**Amino Acid Change:** p.R278***Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6355S**Price:** \$100.00**Gene Name:**FBXW7**Mutation Id:** COSM22964**Nucleotide Change:** c.1099C>T**Amino Acid Change:** p.R367***Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6247S**Price:** \$100.00**Gene Name:**FGFR2**Mutation Id:** COSM36903**Nucleotide Change:** c.755C>G**Amino Acid Change:** p.S252W**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard**

Catalog: ASE-6250S
Price: \$100.00
Gene Name:FGFR2
Mutation Id: COSM36904
Nucleotide Change: c.1124A>G
Amino Acid Change: p.Y375C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6251S
Price: \$100.00
Gene Name:FGFR2
Mutation Id: COSM36906
Nucleotide Change: c.1144T>C
Amino Acid Change: p.C382R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6208S
Price: \$100.00
Gene Name:FGFR3
Mutation Id: COSM714
Nucleotide Change: c.742C>T
Amino Acid Change: p.R248C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6209S
Price: \$100.00
Gene Name:FGFR3
Mutation Id: COSM718
Nucleotide Change: c.1118A>G
Amino Acid Change: p.Y373C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6211S
Price: \$100.00
Gene Name:FGFR3
Mutation Id: COSM17461
Nucleotide Change: c.1111A>T
Amino Acid Change: p.S371C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6212S

Price: \$100.00
Gene Name: FGFR3
Mutation Id: COSM24842
Nucleotide Change: c.1138G>A
Amino Acid Change: p.G380R
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6154S
Price: \$100.00
Gene Name: FLT3
Mutation Id: COSM785
Nucleotide Change: c.2503G>C
Amino Acid Change: p.D835H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6157S
Price: \$100.00
Gene Name: FLT3
Mutation Id: COSM19836
Nucleotide Change: c.2508_2510delCAT
Amino Acid Change: p.I836del
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6279S
Price: \$100.00
Gene Name: GNAQ
Mutation Id: COSM28758
Nucleotide Change: c.626A>C
Amino Acid Change: p.Q209P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6281S
Price: \$100.00
Gene Name: GNAQ
Mutation Id: COSM28760
Nucleotide Change: c.626A>G
Amino Acid Change: p.Q209R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6278S
Price: \$100.00

Gene Name:GNAQ
Mutation Id: COSM28757
Nucleotide Change: c.626A>T
Amino Acid Change: p.Q209L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6285S
Price: \$100.00
Gene Name:GNAS
Mutation Id: COSM27899
Nucleotide Change: c.601C>A
Amino Acid Change: p.R201S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6286S
Price: \$100.00
Gene Name:GNAS
Mutation Id: COSM27895
Nucleotide Change: c.602G>A
Amino Acid Change: p.R201H
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6468S
Price: \$100.00
Gene Name:GNAS
Mutation Id: rs1060500285
Nucleotide Change: c.686A>G
Amino Acid Change: p.D229G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard HCT116 WT

Catalog: ASO-5052
Price: \$100.00

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6076S
Price: \$100.00
Gene Name:HRAS
Mutation Id: COSM483
Nucleotide Change: c.35G>T
Amino Acid Change: p.G12V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6077S**Price:** \$100.00**Gene Name:**HRAS**Mutation Id:** COSM484**Nucleotide Change:** c.35G>A**Amino Acid Change:** p.G12D**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6361S**Price:** \$100.00**Gene Name:**HRAS**Mutation Id:** COSM502**Nucleotide Change:** c.183G>T**Amino Acid Change:** p.Q61H**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6079S**Price:** \$100.00**Gene Name:**HRAS**Mutation Id:** COSM496**Nucleotide Change:** c.181C>A**Amino Acid Change:** p.Q61K**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6078S**Price:** \$100.00**Gene Name:**HRAS**Mutation Id:** COSM486**Nucleotide Change:** c.37G>C**Amino Acid Change:** p.G13R**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6080S**Price:** \$100.00**Gene Name:**HRAS**Mutation Id:** COSM499**Nucleotide Change:** c.182A>G**Amino Acid Change:** p.Q61R**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard**

Catalog: ASE-6226S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM41877
Nucleotide Change: c.418C>T
Amino Acid Change: p.R140W
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6225S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM41590
Nucleotide Change: c.419G>A
Amino Acid Change: p.R140Q
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6227S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM41875
Nucleotide Change: c.419G>T
Amino Acid Change: p.R140L
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6232S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM33731
Nucleotide Change: c.514A>G
Amino Acid Change: p.R172G
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6231S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM34039
Nucleotide Change: c.514A>T
Amino Acid Change: p.R172W
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6228S

Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM33733
Nucleotide Change: c.515G>A
Amino Acid Change: p.R172K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6229S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM33732
Nucleotide Change: c.515G>T
Amino Acid Change: p.R172M
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6230S
Price: \$100.00
Gene Name:IDH2
Mutation Id: COSM34090
Nucleotide Change: c.516G>T
Amino Acid Change: p.R172S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6120S
Price: \$100.00
Gene Name:JAK2
Mutation Id: COSM12600
Nucleotide Change: c.1849G>T
Amino Acid Change: p.V617F
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6121S
Price: \$100.00
Gene Name:JAK2
Mutation Id: COSM4391514
Nucleotide Change: c.1843G>T
Amino Acid Change: p.V615L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6122S
Price: \$100.00

Gene Name:JAK2
Mutation Id: COSM29117
Nucleotide Change: c.1849G>A
Amino Acid Change: p.V617I
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6160S
Price: \$100.00
Gene Name:KIT
Mutation Id: COSM1226
Nucleotide Change: c.1670_1675delGGAAGG
Amino Acid Change: p.W557_V559>F
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6162S
Price: \$100.00
Gene Name:KIT
Mutation Id: COSM1314
Nucleotide Change: c.2447A>T
Amino Acid Change: p.D816V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6163S
Price: \$100.00
Gene Name:KIT
Mutation Id: COSM1310
Nucleotide Change: c.2446G>T
Amino Acid Change: p.D816Y
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6164S
Price: \$100.00
Gene Name:KIT
Mutation Id: COSM1311
Nucleotide Change: c.2446G>C
Amino Acid Change: p.D816H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6166S
Price: \$100.00
Gene Name:KIT

Mutation Id: COSM1255
Nucleotide Change: c.1676T>C
Amino Acid Change: p.V559A
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6167S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM1257

Nucleotide Change: c.1679T>A

Amino Acid Change: p.V560D

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6159S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM1221

Nucleotide Change: c.1669T>G

Amino Acid Change: p.W557G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6165S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM1252

Nucleotide Change: c.1676T>A

Amino Acid Change: p.V559D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6410S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM21979

Nucleotide Change: c.2446_2447GA>AT

Amino Acid Change: p.D816I

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6411S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM1254

Nucleotide Change: c.1676_1684del9

Amino Acid Change: p.V559_E561del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6423S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM1256

Nucleotide Change: c.1678_1680delGTT

Amino Acid Change: p.V560del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6531S

Price: \$100.00

Gene Name:KIT

Mutation Id: COSM1247

Nucleotide Change: c.1675_1677delGTT

Amino Acid Change: p.V559del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5038

Price: \$100.00

Gene Name:KRAS

Mutation Id: COSM527

Nucleotide Change: 37G>T

Amino Acid Change: G13C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6062S

Price: \$100.00

Gene Name:KRAS

Mutation Id: COSM554

Nucleotide Change: c.183A>C

Amino Acid Change: p.Q61H

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5033

Price: \$100.00

Gene Name:KRAS

Mutation Id: COSM517

Nucleotide Change: 34G>A

Amino Acid Change: G12S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5034

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM518

Nucleotide Change: 34G>C

Amino Acid Change: G12R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5032

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM516

Nucleotide Change: 34G>T

Amino Acid Change: G12C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5036

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM521

Nucleotide Change: 35G>A

Amino Acid Change: G12D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5037

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM522

Nucleotide Change: 35G>C

Amino Acid Change: G12A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5035

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM520

Nucleotide Change: 35G>T

Amino Acid Change: G12V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5039

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM528

Nucleotide Change: 37G>A

Amino Acid Change: G13S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5040

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM529

Nucleotide Change: 37G>C

Amino Acid Change: G13R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5041

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM532

Nucleotide Change: 38G>A

Amino Acid Change: G13D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5042

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM533

Nucleotide Change: 38G>C

Amino Acid Change: G13A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASO-5043

Price: \$100.00

Gene Name: KRAS

Mutation Id: COSM534

Nucleotide Change: 38G>T

Amino Acid Change: G13V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6201S**Price:** \$100.00**Gene Name:**MAP2K1**Mutation Id:** COSM235614**Nucleotide Change:** c.370C>T**Amino Acid Change:** p.P124S**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6204S**Price:** \$100.00**Gene Name:**MAP2K1**Mutation Id:** COSM232755**Nucleotide Change:** c.607G>A**Amino Acid Change:** p.E203K**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6202S**Price:** \$100.00**Gene Name:**MAP2K1**Mutation Id:** COSM1315861**Nucleotide Change:** c.371C>T**Amino Acid Change:** p.P124L**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6205S**Price:** \$100.00**Gene Name:**MAP2K1**Mutation Id:** COSM1235478**Nucleotide Change:** c.171G>T**Amino Acid Change:** p.K57N**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6299S**Price:** \$100.00**Gene Name:**MET**Mutation Id:** COSM707**Nucleotide Change:** c.3029C>T**Amino Acid Change:** p.T1010I**Frequency:** Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6300S**Price:** \$100.00**Gene Name:**MET**Mutation Id:** COSM699**Nucleotide Change:** c.3743A>G**Amino Acid Change:** p.Y1248C**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6303S**Price:** \$100.00**Gene Name:**MET**Mutation Id:** COSM706**Nucleotide Change:** c.504G>T**Amino Acid Change:** p.E168D**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6296S**Price:** \$100.00**Gene Name:**MLH1**Mutation Id:** COSM2985326**Nucleotide Change:** c.967C>A**Amino Acid Change:** p.L323M**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6297S**Price:** \$100.00**Gene Name:**MLH1**Mutation Id:** COSM26085**Nucleotide Change:** c.1151T>A**Amino Acid Change:** p.V384D**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6271S**Price:** \$100.00**Gene Name:**NOTCH1**Mutation Id:** COSM12772**Nucleotide Change:** c.4721T>C**Amino Acid Change:** p.L1574P**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard**

Catalog: ASE-6272S
Price: \$100.00
Gene Name:NOTCH1
Mutation Id: COSM13047
Nucleotide Change: c.4732_4734delGTG
Amino Acid Change: p.V1578delV
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6273S
Price: \$100.00
Gene Name:NOTCH1
Mutation Id: COSM13042
Nucleotide Change: c.4778T>C
Amino Acid Change: p.L1593P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6275S
Price: \$100.00
Gene Name:NOTCH1
Mutation Id: COSM12771
Nucleotide Change: c.4799T>C
Amino Acid Change: p.L1600P
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6277S
Price: \$100.00
Gene Name:NOTCH1
Mutation Id: COSM33747
Nucleotide Change: c.5094C>T
Amino Acid Change: p.D1698D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6068S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM573
Nucleotide Change: c.38G>A
Amino Acid Change: p.G13D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6366S

Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM585
Nucleotide Change: c.183A>T
Amino Acid Change: p.Q61H
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6368S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM566
Nucleotide Change: c.35G>T
Amino Acid Change: p.G12V
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6072S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM580
Nucleotide Change: c.181C>A
Amino Acid Change: p.Q61K
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6071S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM584
Nucleotide Change: c.182A>G
Amino Acid Change: p.Q61R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6073S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM583
Nucleotide Change: c.182A>T
Amino Acid Change: p.Q61L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6200S
Price: \$100.00

Gene Name:NRAS
Mutation Id: COSM5044298
Nucleotide Change: c.183_183delA
Amino Acid Change: p.E62fs*6
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6066S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM563
Nucleotide Change: c.34G>A
Amino Acid Change: p.G12S
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6067S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM562
Nucleotide Change: c.34G>T
Amino Acid Change: p.G12C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6065S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM564
Nucleotide Change: c.35G>A
Amino Acid Change: p.G12D
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6069S
Price: \$100.00
Gene Name:NRAS
Mutation Id: COSM569
Nucleotide Change: c.37G>C
Amino Acid Change: p.G13R
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6254S
Price: \$100.00
Gene Name:PDGFRA

Mutation Id: COSM22413
Nucleotide Change: c.2472C>T
Amino Acid Change: p.V824V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6255S
Price: \$100.00
Gene Name:PDGFRA
Mutation Id: COSM736
Nucleotide Change: c.2525A>T
Amino Acid Change: p.D842V
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6256S
Price: \$100.00
Gene Name:PDGFRA
Mutation Id: COSM737
Nucleotide Change: c.2524_2535del12
Amino Acid Change: p.I843_D846delIMHD
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6257S
Price: \$100.00
Gene Name:PDGFRA
Mutation Id: COSM12400
Nucleotide Change: c.2527_2538del12
Amino Acid Change: p.I843_D846delIMHD
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6058S
Price: \$100.00
Gene Name:PIK3CA
Mutation Id: COSM746
Nucleotide Change: c.263G>A
Amino Acid Change: p.R88Q
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6056S
Price: \$100.00
Gene Name:PIK3CA
Mutation Id: COSM12458

Nucleotide Change: c.1634A>C

Amino Acid Change: p.E545A

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6060S

Price: \$100.00

Gene Name:PIK3CA

Mutation Id: COSM757

Nucleotide Change: c.1258T>C

Amino Acid Change: p.C420R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6053S

Price: \$100.00

Gene Name:PIK3CA

Mutation Id: COSM760

Nucleotide Change: c.1624G>A

Amino Acid Change: p.E542K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6054S

Price: \$100.00

Gene Name:PIK3CA

Mutation Id: COSM763

Nucleotide Change: c.1633G>A

Amino Acid Change: p.E545K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6055S

Price: \$100.00

Gene Name:PIK3CA

Mutation Id: COSM764

Nucleotide Change: c.1634A>G

Amino Acid Change: p.E545G

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6057S

Price: \$100.00

Gene Name:PIK3CA

Mutation Id: COSM766

Nucleotide Change: c.1636C>A

Amino Acid Change: p.Q546K

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6051S

Price: \$100.00

Gene Name:PIK3CA

Mutation Id: COSM775

Nucleotide Change: c.3140A>G

Amino Acid Change: p.H1047R

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6070S

Price: \$100.00

Gene Name:NRAS

Mutation Id: COSM574

Nucleotide Change: c.38G>T

Amino Acid Change: p.G13V

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6243S

Price: \$100.00

Gene Name:PIK3R1

Mutation Id: COSM1069619

Nucleotide Change: c.1718T>C

Amino Acid Change: p.L573P

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6244S

Price: \$100.00

Gene Name:PIK3R1

Mutation Id: COSM85927

Nucleotide Change: c.1721G>T

Amino Acid Change: p.R574I

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6245S

Price: \$100.00

Gene Name:PIK3R1

Mutation Id: COSM1069623

Nucleotide Change: c.1721_1722insA

Amino Acid Change: p.T576fs*26

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6246S

Price: \$100.00

Gene Name:PIK3R1

Mutation Id: COSM35737

Nucleotide Change: c.1727_1729delCGA

Amino Acid Change: p.T576del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6425S

Price: \$100.00

Gene Name:PIK3R1

Mutation Id: COSM85885

Nucleotide Change: c.1709_1735del27

Amino Acid Change: p.L570_D578del

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6129S

Price: \$100.00

Gene Name:PTEN

Mutation Id: COSM5152

Nucleotide Change: c.388C>T

Amino Acid Change: p.R130*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6130S

Price: \$100.00

Gene Name:PTEN

Mutation Id: COSM5216

Nucleotide Change: c.389G>T

Amino Acid Change: p.R130L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6131S

Price: \$100.00

Gene Name:PTEN

Mutation Id: COSM5089

Nucleotide Change: c.517C>T

Amino Acid Change: p.R173C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6132S**Price:** \$100.00**Gene Name:**PTEN**Mutation Id:** COSM5039**Nucleotide Change:** c.518G>A**Amino Acid Change:** p.R173H**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6134S**Price:** \$100.00**Gene Name:**PTEN**Mutation Id:** COSM4391544**Nucleotide Change:** c.377C>G**Amino Acid Change:** p.A126G**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6127S**Price:** \$100.00**Gene Name:**PTEN**Mutation Id:** COSM5219**Nucleotide Change:** c.388C>G**Amino Acid Change:** p.R130G**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6128S**Price:** \$100.00**Gene Name:**PTEN**Mutation Id:** COSM5033**Nucleotide Change:** c.389G>A**Amino Acid Change:** p.R130Q**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6133S**Price:** \$100.00**Gene Name:**PTEN**Mutation Id:** COSM5154**Nucleotide Change:** c.697C>T**Amino Acid Change:** p.R233***Frequency:** Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6123S**Price:** \$100.00**Gene Name:**RB1**Mutation Id:** COSM892**Nucleotide Change:** c.1735C>T**Amino Acid Change:** p.R579***Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6125S**Price:** \$100.00**Gene Name:**RB1**Mutation Id:** COSM878**Nucleotide Change:** c.751C>T**Amino Acid Change:** p.R251***Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6315S**Price:** \$100.00**Gene Name:**RET**Mutation Id:** COSM968**Nucleotide Change:** c.1894_1899delGAGCTG**Amino Acid Change:** p.E632_L633del**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard RKO WT*****Catalog:** ASO-5051**Price:** \$100.00***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6322S**Price:** \$100.00**Gene Name:**ROS1**Mutation Id:** COSM1697823**Nucleotide Change:** c.4924G>A**Amino Acid Change:** p.E1642K**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6319S**Price:** \$100.00**Gene Name:**SMAD4**Mutation Id:** COSM14049**Nucleotide Change:** c.1067C>T

Amino Acid Change: p.P356L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6320S

Price: \$100.00

Gene Name:SMAD4

Mutation Id: COSM1226726

Nucleotide Change: c.1066C>T

Amino Acid Change: p.P356S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6372S

Price: \$100.00

Gene Name:STK11

Mutation Id: COSM21360

Nucleotide Change: c.1062C>G

Amino Acid Change: p.F354L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6375S

Price: \$100.00

Gene Name:STK11

Mutation Id: COSM20943

Nucleotide Change: c.508C>T

Amino Acid Change: p.Q170*

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6376S

Price: \$100.00

Gene Name:STK11

Mutation Id: COSM21354

Nucleotide Change: c.511G>A

Amino Acid Change: p.G171S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6091S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM10662

Nucleotide Change: c.743G>A

Amino Acid Change: p.R248Q

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6082S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM10648

Nucleotide Change: c.524G>A

Amino Acid Change: p.R175H

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6083S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM10870

Nucleotide Change: c.523C>G

Amino Acid Change: p.R175G

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6084S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM10718

Nucleotide Change: c.524G>T

Amino Acid Change: p.R175L

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6094S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM10817

Nucleotide Change: c.747G>T

Amino Acid Change: p.R249S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6095S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM43629

Nucleotide Change: c.745A>T

Amino Acid Change: p.R249W

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6096S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM43871**Nucleotide Change:** c.746G>T**Amino Acid Change:** p.R249M**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6097S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10668**Nucleotide Change:** c.745A>G**Amino Acid Change:** p.R249G**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6191S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10690**Nucleotide Change:** c.473G>A**Amino Acid Change:** p.R158H**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6192S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10714**Nucleotide Change:** c.473G>T**Amino Acid Change:** p.R158L**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6195S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10670**Nucleotide Change:** c.469G>T**Amino Acid Change:** p.V157F**Frequency:** Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6196S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM43903**Nucleotide Change:** c.470T>G**Amino Acid Change:** p.V157G**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6198S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10889**Nucleotide Change:** c.536A>G**Amino Acid Change:** p.H179R**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6085S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10758**Nucleotide Change:** c.659A>G**Amino Acid Change:** p.Y220C**Frequency:** Homozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6105S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM13747**Nucleotide Change:** c.1146delA**Amino Acid Change:** p.K382fs*>12**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6379S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10808**Nucleotide Change:** c.488A>G**Amino Acid Change:** p.Y163C**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard**

Catalog: ASE-6380S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM44623
Nucleotide Change: c.487T>A
Amino Acid Change: p.Y163N
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6381S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM43846
Nucleotide Change: c.487T>C
Amino Acid Change: p.Y163H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6382S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM43559
Nucleotide Change: c.517G>T
Amino Acid Change: p.V173L
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6383S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM11084
Nucleotide Change: c.517G>A
Amino Acid Change: p.V173M
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6387S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM43947
Nucleotide Change: c.614A>G
Amino Acid Change: p.Y205C
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6388S

Price: \$100.00
Gene Name:TP53
Mutation Id: COSM43844
Nucleotide Change: c.613T>G
Amino Acid Change: p.Y205D
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6389S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM10654
Nucleotide Change: c.637C>T
Amino Acid Change: p.R213*
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6392S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM43687
Nucleotide Change: c.641A>G
Amino Acid Change: p.H214R
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6393S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM10725
Nucleotide Change: c.701A>G
Amino Acid Change: p.Y234C
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6394S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM11152
Nucleotide Change: c.700T>C
Amino Acid Change: p.Y234H
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6399S
Price: \$100.00

Gene Name:TP53
Mutation Id: COSM10810
Nucleotide Change: c.725G>T
Amino Acid Change: p.C242F
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6436S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM45666
Nucleotide Change: c.810_811insN
Amino Acid Change: p.E271fs*35
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6514S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM45975
Nucleotide Change: c.703delA
Amino Acid Change: p.N235fs*12
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6515S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM44543
Nucleotide Change: c.464_465insN
Amino Acid Change: p.R156fs*25
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6516S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM43546
Nucleotide Change: c.516_517insN
Amino Acid Change: p.V173fs*8
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6517S
Price: \$100.00
Gene Name:TP53

Mutation Id: COSM44400
Nucleotide Change: c.702_703insN
Amino Acid Change: p.N235fs*5
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6518S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM1318430

Nucleotide Change: c.516delT

Amino Acid Change: p.V173fs*1

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6519S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM44361

Nucleotide Change: c.533_534insN

Amino Acid Change: p.H178fs*3

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6520S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM43570

Nucleotide Change: c.529_546del18

Amino Acid Change: p.P177_C182delPHHERC

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6521S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM1324785

Nucleotide Change: c.530_535delCCCACC

Amino Acid Change: p.P177_H178delPH

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6522S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM46406

Nucleotide Change: c.643delA
Amino Acid Change: p.S215fs*32
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6523S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM44887
Nucleotide Change: c.644delG
Amino Acid Change: p.S215fs*32
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6525S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM69179
Nucleotide Change: c.560-1_583del25
Amino Acid Change: p.?
Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6526S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM5982134
Nucleotide Change: c.613_614insT
Amino Acid Change: p.Y205fs*4
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6527S
Price: \$100.00
Gene Name:TP53
Mutation Id: COSM1716966
Nucleotide Change: c.613_614insC
Amino Acid Change: p.Y205fs*4
Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6529S
Price: \$100.00
Gene Name:CTNNB1
Mutation Id: COSM27310
Nucleotide Change: c.139A>T

Amino Acid Change: p.S47C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6530S

Price: \$100.00

Gene Name:CTNNB1

Mutation Id: COSM1423011

Nucleotide Change: c.132T>C

Amino Acid Change: p.P44P

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6532S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM45847

Nucleotide Change: c.574_575delCA

Amino Acid Change: p.Q192fs*16

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6533S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM4735408

Nucleotide Change: c.571_581del11

Amino Acid Change: p.P191fs*14

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6194S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM11087

Nucleotide Change: c.472C>G

Amino Acid Change: p.R158G

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6193S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM43848

Nucleotide Change: c.472C>T

Amino Acid Change: p.R158C

Frequency: Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6086S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM10646

Nucleotide Change: c.725G>A

Amino Acid Change: p.C242Y

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6087S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM6932

Nucleotide Change: c.733G>A

Amino Acid Change: p.G245S

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6090S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM11081

Nucleotide Change: c.733G>T

Amino Acid Change: p.G245C

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6088S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM43606

Nucleotide Change: c.734G>A

Amino Acid Change: p.G245D

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard

Catalog: ASE-6089S

Price: \$100.00

Gene Name:TP53

Mutation Id: COSM11196

Nucleotide Change: c.734G>T

Amino Acid Change: p.G245V

Frequency: Homozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6092S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10656**Nucleotide Change:** c.742C>T**Amino Acid Change:** p.R248W**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6093S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM6549**Nucleotide Change:** c.743G>T**Amino Acid Change:** p.R248L**Frequency:** Homozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6099S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10659**Nucleotide Change:** c.817C>T**Amino Acid Change:** p.R273C**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6098S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM10660**Nucleotide Change:** c.818G>A**Amino Acid Change:** p.R273H**Frequency:** Heterozygous***Onco-Ref™ FFPE Cell Scroll Reference Standard*****Catalog:** ASE-6101S**Price:** \$100.00**Gene Name:**TP53**Mutation Id:** COSM11232**Nucleotide Change:** c.842A>G**Amino Acid Change:** p.D281G**Frequency:** Heterozygous

Onco-Ref™ FFPE Cell Scroll Reference Standard**Catalog:** ASE-6103S**Price:** \$100.00**Gene Name:** TP53**Mutation Id:** COSM10992**Nucleotide Change:** c.844C>G**Amino Acid Change:** p.R282G**Frequency:** Heterozygous**Onco-Ref™ FFPE Cell Scroll Reference Standard****Catalog:** ASE-6104S**Price:** \$100.00**Gene Name:** TP53**Mutation Id:** COSM44338**Nucleotide Change:** c.845G>A**Amino Acid Change:** p.R282Q**Frequency:** Heterozygous**Quan-Plex™ EGFR C7979S/T790M (Cis) FFPE Cell Scroll 1%****Catalog:** ARF-1004S-1**Price:** \$145.00**Variants:** 2**Quan-Plex™ EGFR C7979S/T790M (Cis) FFPE Cell Scroll 5%****Catalog:** ARF-1004S-5**Price:** \$145.00**Variants:** 2**Quan-Plex™ NGS FFPE Cell Scroll Reference Standard****Catalog:** ARF-1001S**Price:** \$375.00**Variants:** 9**Quan-Plex™ NGS 10% Formalin-Compromised Reference Standard****Catalog:** ARF-1001FC-1**Price:** \$375.00**Variants:** 9