

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-6146B**Price:** \$3,500.00**Gene Name:**APC**Mutation Id:** COSM18764**Nucleotide Change:** c.3921_3925delAAAAG**Amino Acid Change:** p.E1309fs*4**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:** ASE-6424B**Price:** \$3,500.00**Gene Name:**ATM**Mutation Id:** COSM1235448**Nucleotide Change:** c.1000_1001insA**Amino Acid Change:** p.S334fs*5**Frequency:** Heterozygous***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.5137delG
Amino Acid Change: p.Val1713Terfs
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_135delTCT

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_A750delIELREA**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-4011

Price: \$2,500.00
Gene Name: EGFR
Mutation Id: COSM6254
Nucleotide Change: 2239_2253del15
Amino Acid Change: L747_T751delLREAT
Frequency: ASE-8011 (To be discontinued)

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.I836delI

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-6218B

Price: \$3,500.00

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-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