

Manufacturing Quality

ISO 9001:2015

ISO 13485:2016

## Certificate of Analysis

**Onco-Ref™ Mutation Cell Line APC c.637C>T p.R213\* COSM13134**


### Product Information

<b>Catalog Number:</b>	ASE-6150C
<b>Lot Number:</b>	E6150C281915
<b>Expiration Date:</b>	2021-09-01
<b>Quantity/Volume/Size:</b>	1,000,000 cells / 1 ml / 1 vial
<b>Gene Name:</b>	APC
<b>Nucleotide Change:</b>	c.637C>T
<b>Amino Acid Change:</b>	p.R213*
<b>Mutation Id:</b>	COSM13134
<b>Cell:</b>	HCT116
<b>Storage Temperature:</b>	Liquid Nitrogen
<b>Shipping Temperature:</b>	Dry Ice
<b>Instructions for Use:</b>	Refer to product Datasheet (Available <a href="http://www.accuref.com">www.accuref.com</a> )
<b>Intended Use:</b>	Research Use Only. Not Intended for human or animal diagnostic or therapeutic use.

### Quality Control

Test	Method	Acceptance Criteria	Result
<b>Mycoplasma</b>	PCR	Negative	PASS
<b>Sterility</b>	Bacterial/Fungal Growth Promotion Assay	Negative	PASS
<b>Genotype-LS</b>	Sanger Sequencing	Locus Specific PCR	PASS
<b>Viability</b>	Cell Count Using Countess II	Doubling Time After Recovery: 10-24 Hours	PASS

AccuRef Diagnostics certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated acceptance criteria through the expiration date when stored unopened as recommended.

	<b>2020-01-27</b>
<b>Quality Assurance</b>	<b>Date</b>

COA-ASE-6150C-V2