

Manufacturing Quality

ISO 9001:2015

ISO 13485:2016

Certificate of Analysis

**Onco-Ref™ FFPE Cell Scroll Reference Standard HRAS c.181C>A p.Q61K
COSM496**

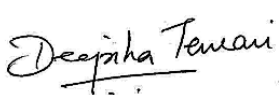
Product Information

Catalog Number:	ASE-6079S
Lot Number:	E6079S292237
Expiration Date:	2021-11-25
Quantity/Volume/Size:	20 µm section with a 7.0 mm diameter cell pellet core / 1 scroll
Gene Name:	HRAS
Nucleotide Change:	c.181C>A
Amino Acid Change:	p.Q61K
Mutation Id:	COSM496
Cell:	HCT 116
Storage Temperature:	-20°C
Shipping Temperature:	Ambient
Instructions for Use:	Refer to product Datasheet (Available www.accuref.com)
Intended Use:	Research Use Only. Not Intended for human or animal diagnostic or therapeutic use.

Quality Control

Test	Method	Acceptance Criteria	Result
Genotyping	Sanger Sequencing	Homozygous	PASS
Quality (H&E)	H&E Staining	Stain Quality	PASS
Cell Density	Visual	>60%	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.

	2019-02-03
Quality Assurance	Date

COA-ASE-6079S-V1