



Manufacturing Quality

ISO 9001:2015

Certificate of Analysis

ISO 13485:2016

Onco-Ref™ FFPE Cell Scroll Reference Standard KRAS 38G>A G13D COSM532

Product Information

Catalog Number:	ASO-5041			
Lot Number:	O5041291941			
Expiration Date:	2021-08-29			
Quantity/Volume/Size:	20 µm section with a 7.0 mm diameter cell pellet core / 1 scroll			
Gene Name:	KRAS			
Nucleotide Change:	38G>A			
Amino Acid Change:	G13D			
Mutation Id:	COSM532			
Cell:	RKO			
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.

Deepha Temani 2019-01-25 Date **Quality Assurance**

COA-ASO-5041-V2