



Certificate of Analysis

ISO 9001:2015

Manufacturing Quality

Onco-Ref™ FFPE Cell Scroll Reference Standard KRAS 37G>C G13R COSM529

ISO 13485:2016

Product Information

Catalog Number:	ASO-5040		
Lot Number:	O5040292226		
Expiration Date:	2021-11-14		
Quantity/Volume/Size:	20 μm section with a 7.0 mm diameter cell pellet core / 1 scroll		
Gene Name:	KRAS		
Nucleotide Change:	37G>C		
Amino Acid Change:	G13R		
Mutation Id:	COSM529		
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.

Deajnha Temani	2019-01-29
Quality Assurance	Date

COA-ASO-5040-V1