AccuRef Diagnostics
A Division of Applied StemCell Inc.

Manufacturing Quality
ISO 9001:2015
ISO 13485:2016

Certificate of Analysis

Onco-Ref™ Genomic DNA Reference Standard ALK c.3824G>A p.R1275Q COSM28056

Product Information

Catalog Number:	ASE-6309G-1
Lot Number:	G309190722
Expiration Date:	2021-07-21
Quantity/Volume/Size:	1 µg / 20 µl / 1 vial
Gene Name:	ALK
Nucleotide Change:	c.3824G>A
Amino Acid Change:	p.R1275Q
Mutation Id:	COSM28056
Cell:	HCT116
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	Gel Electrophoresis	No Smear	PASS
Quantification	Qubit 4.0 Fluorometer	50 -60 ng /µl	PASS
DNA Purity	Nanodrop	A260/280 Ratio Between 1.8 to 2	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.

	2019-07-23
Quality Assurance	**Date**

COA-ASE-6309G-1-V2