

Certificate of Analysis

**Onco-Ref™ Genomic DNA Reference Standard TP53 c.469G>T p.V157F
COSM10670**

Manufacturing Quality

ISO 9001:2015

ISO 13485:2016


Product Information

Catalog Number:	ASE-6195G-1
Lot Number:	G195191113
Expiration Date:	2021-11-12
Quantity/Volume/Size:	1 µg / 20 µl / 1 vial
Gene Name:	TP53
Nucleotide Change:	c.469G>T
Amino Acid Change:	p.V157F
Mutation Id:	COSM10670
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
Quantification	Qubit 4.0 Fluorometer	50 -60 ng /µl	PASS
Genotype-LS	Sanger Sequencing	Locus Specific PCR	PASS
DNA Purity	Nanodrop	A260/280 Ratio Between 1.8 to 2	PASS
DNA Quality	Gel Electrophoresis	A tight band of 10-20 Kb on the gel without a smear	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.

	2019-11-20
Quality Assurance	Date

COA-ASE-6195G-1-V2