

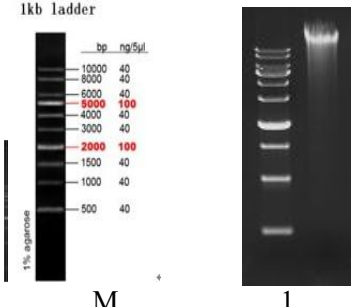
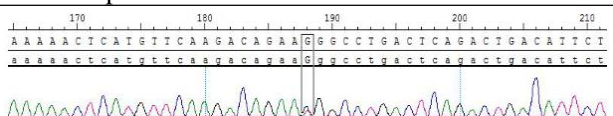
CERTIFICATE OF ANALYSIS

TP53 p.G389W Reference Standard

Product information

Name	TP53 p.G389W Reference Standard
Catalog No.	CBP10529
Lot No.	CGD79092405
Format	Genomic DNA
DNA Change	c.1165G>T
AA Change	p.G389W
Mutation Type	Missense_Mutation
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000269305.4
Copy Number	2
Ploidy	2.17
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-10-2021
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	5µg/vial*1vial	5µg/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.76	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5µl</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 100</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: TP53 p.G389W Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>170 180 190 200 210</p> <p>AAAAACTCATGTTC AAGACAGAA GGCCCTGACTCAGACTGACATTCT</p> <p>AAAAAATCATGTTC AAGACAGAA GGCCCTGACTCAGACTGACATTCT</p>	√

Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date:****

 Date:****