

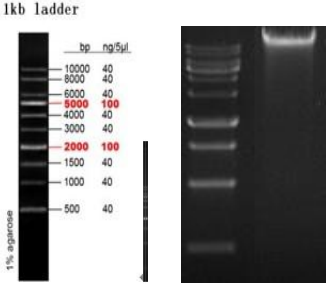
# CERTIFICATE OF ANALYSIS

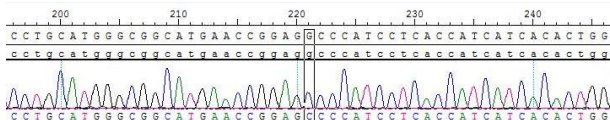
## TP53 p.R249S Reference Standard

### Product information

Name	TP53 p.R249S Reference Standard
Catalog No.	CBP10156
Lot No.	CGD01283729
Format	Genomic DNA
DNA Change	c.747G>C
AA Change	p.R249S
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000269305
Copy Number	4
Ploidy	2.97
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Mar.-12-2021
Expiry	36 months from the date of manufacture

### Quality Control


Test Items	Standard	Results	Passed
Quantity	5ug/vial*4vials	5ug/vial*4vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.89	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: TP53 p.R249S Reference Standard</p>	√

Genotype	Sanger Sequencing	
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**Caution:**

For research use only.

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

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*