

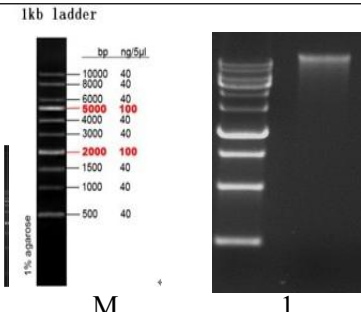
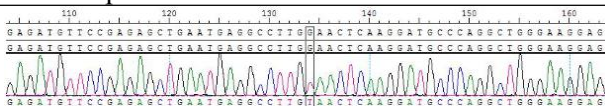
# CERTIFICATE OF ANALYSIS

## TP53 p.E349\* Reference Standard

### Product information

Name	TP53 p.E349* Reference Standard
Catalog No.	CBP10530
Lot No.	CGD04705384
Format	Genomic DNA
DNA Change	c.1045G>T
AA Change	p.E349*
Mutation Type	Nonsense_Mutation
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000269305.4
Copy Number	3
Ploidy	3.04
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Mar.-02-2022
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 <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.82	√
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>1% agarose</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: TP53 p.E349* Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>110 120 130 140 150 160</p> <p>G A G A T G T T C C G A G A S C T G A A T G A G C C T T G A A C T C A A S G A T G C C C A G S C T G G A A G S G</p> <p>G A G A T G T T C C G A G A S C T G A A T G A G C C T T G A A C T C A A S G A T G C C C A G S C T G G A A G S G</p> <p>G A G A T G T T C C G A G A S C T G A A T G A G C C T T G A A C T C A A S G A T G C C C A G S C T G G A A G S G</p>	√

### Caution:

For research use only.

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

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

 Date:\*\*\*\*