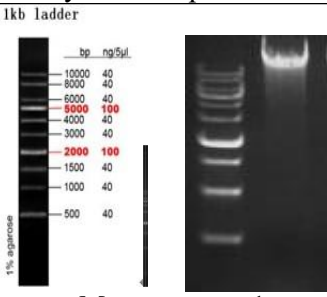
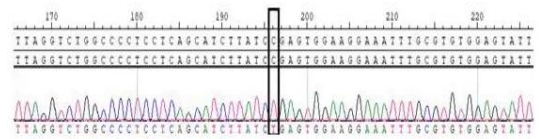


## CERTIFICATE OF ANALYSIS

### Product information

Name	TP53 p.R196* Reference Standard
Catalog No.	CBP10173
Lot No.	CGD26745955
Format	Genomic DNA
DNA Change	c.586C>T
AA Change	p.R196*
Mutation Type	Substitution - Nonsense
Zygosity	Homozygous
%AF	100.00%
Transcript	ENST00000269305
Chr position(GRCh37)	chr17:7578263
Copy Number	4
Ploidy	2.56
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Jul.-15-2021
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	5.00 µg/vial*1 vial	5.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.30 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.81 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: TP53 p.R196* Reference Standard</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*