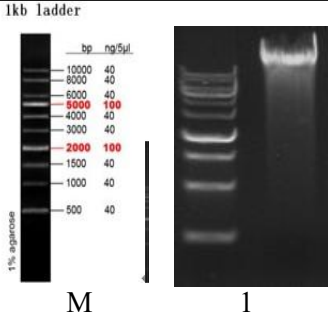
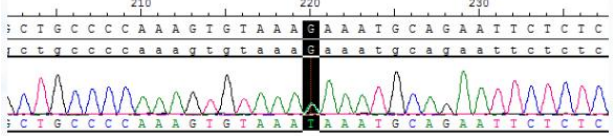


# CERTIFICATE OF ANALYSIS BRCA2 p.E1593\* Reference Standard

## Product information

Name	BRCA2 p.E1593* Reference Standard
Catalog No.	CBP10366
Lot No.	GBD81248027
Format	Genomic DNA
DNA Change	c.4777G>T
AA Change	p.E1593*
Mutation Type	Nonsense_Mutation
Zygosity	Heterozygous
Allelic Frequency	40%
Transcript	ENST00000380152
Copy Number	5
Ploidy	2.69
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-17-2020
Expiry	36 months from the date of manufacture


## Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.78	√
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 40</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: BRCA2 p.E1593* Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>210 220 230</p> <p>CTGCCCCCAAAGTGTAAAGAAATGTCAGAAATCTCTC</p> <p>CTGCCCCCAAAGTGTAAAGAAATGTCAGAAATCTCTC</p> <p>CTGCCCCCAAAGTGTAAAGAAATGTCAGAAATCTCTC</p>	√
%AF	40%	40.4% by DdPCR detection	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*