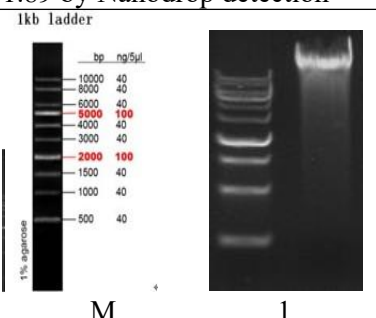
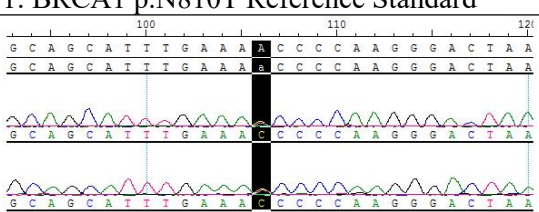


CERTIFICATE OF ANALYSIS

Product information

Name	BRCA1 p.N810T Reference Standard
Catalog No.	CBP10353
Lot No.	CBFA22123001
Format	Genomic DNA
DNA Change	c.2429A>C
AA Change	p.N810T
Mutation Type	Missense Mutation
Zygoty	Heterozygous
%AF	50.00%
Transcript	ENST00000357654
Chr position(GRCh37)	chr17:41245119
Copy Number	2
Ploidy	1.93
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Dec.-30-2022
Expiry	36 months from the date of manufacture

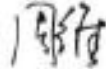
Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*4 vials	1.00 µg/vial*4 vials	√
Concentration	40.00 ng/uL±10%	41.80 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.89 by Nanodrop detection	√
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>5000 100</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: BRCA1 p.N810T Reference Standard</p>	√
Genotype	Positive	 <p>100 110 120</p> <p>G C A G C A T T T G A A A C C C C C A A G G G A C T A A</p> <p>G C A G C A T T T G A A A C C C C C A A G G G A C T A A</p> <p>G C A G C A T T T G A A A C C C C C A A G G G A C T A A</p> <p>G C A G C A T T T G A A A C C C C C A A G G G A C T A A</p> <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:****