

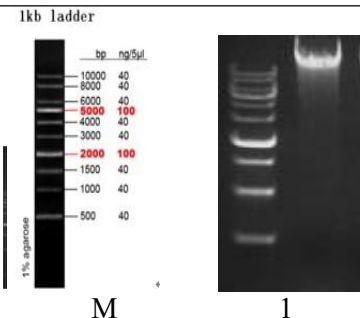
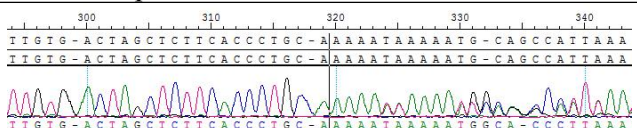
# CERTIFICATE OF ANALYSIS

## BRCA2 p.N1822fs\*2 Reference Standard

### Product information

Name	BRCA2 p.N1822fs*2 Reference Standard
Catalog No.	CBP10388
Lot No.	CGD22390086
Format	Genomic DNA
DNA Change	c.5460_5461insA
AA Change	p.N1822fs*2
Mutation Type	Frame_Shift_Ins
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000380152
Copy Number	2
Ploidy	2.02
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-23-2019
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.86	√
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 100</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>M 1</p> <p>M: Marker</p> <p>1: BRCA2 p.N1822fs*2 Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>300 310 320 330 340</p> <p>TTGTG-ACTAGCTCTTCACCCCTGC-AAAAAATAAAAATG-CAGCCATTAAA</p> <p>TTGTG-ACTAGCTCTTCACCCCTGC-AAAAAATAAAAATG-CAGCCATTAAA</p> <p>TTGTG-ACTAGCTCTTCACCCCTGC-AAAAAATAAAAATGGCA-CCCTTAAA</p>	√

### Caution:

For research use only.

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

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

 Date:\*\*\*\*