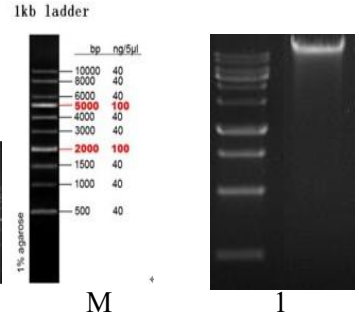
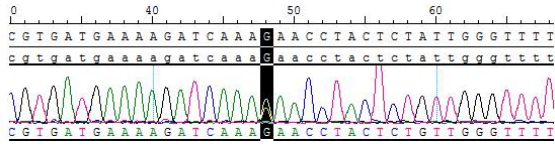


## CERTIFICATE OF ANALYSIS

### Product information

Name	BRCA2 p.E1518Q Reference Standard
Catalog No.	CBP10369
Lot No.	CGD85091413
Format	Genomic DNA
DNA Change	c.4552G>C
AA Change	p.E1518Q
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	33.33%
Transcript	NM_000059.3
Chr position(GRCh37)	chr13:32913044
Copy Number	3
Ploidy	3.65
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Dec.-02-2020
Expiry	36 months from the date of manufacture

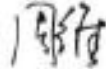
### Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	40.10 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.89 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: BRCA2 p.E1518Q 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:\*\*\*\*