

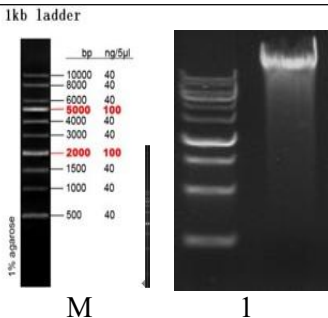
# CERTIFICATE OF ANALYSIS

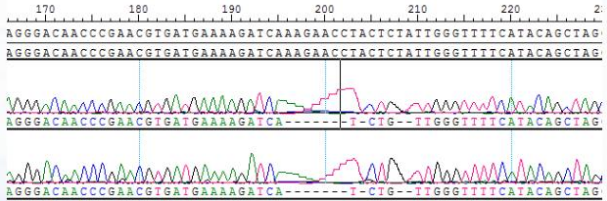
## BRCA2 p.K1517fs\*23 Reference Standard

### Product information

Name	BRCA2 p.K1517fs*23 Reference Standard
Catalog No.	CBP10377
Lot No.	GBD30998416
Format	Genomic DNA
DNA Change	c.4550_4559del10 AAGAACCTAC>-
AA Change	p.KEPT1517fs
Mutation Type	Frame Shift Del
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000380152.3
Copy Number	2
Ploidy	3
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-16-2021
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	1.78	√
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>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>M</p> <p>1</p> <p>M: Marker</p> <p>1: BRCA2 p.K1517fs*23 Reference Standard</p>	√

Genotype	Sanger Sequencing		√
%AF	100%	99.5% 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:\*\*\*\*