

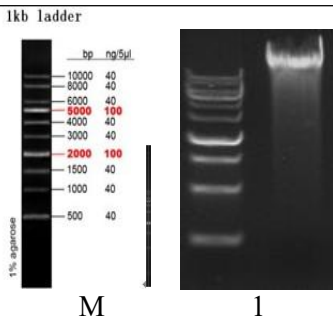
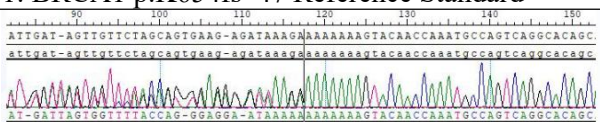
## CERTIFICATE OF ANALYSIS

### BRCA1 p.K654fs\*47 Reference Standard

#### Product information

Name	BRCA1 p.K654fs*47 Reference Standard
Catalog No.	CBP10362
Lot No.	CGD51296233
Format	Genomic DNA
DNA Change	c.1961delA
AA Change	p.K654fs*47
Mutation Type	Deletion - Frameshift
Zygosity	Heterozygous
Allelic Frequency	N/A
Transcript	ENST00000357654
Copy Number	4
Ploidy	3.99
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Apr.-10-2019
Expiry	36 months from the date of manufacture

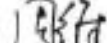
#### Quality Control

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	1.77	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: BRCA1 p.K654fs*47 Reference Standard</p>	√
Genotype	Sanger Sequencing		√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*