

## **CERTIFICATE OF ANALYSIS** BRCA2 p.Q2934\* Reference Standard

## **Product information**

Name	BRCA2 p.Q2934* Reference Standard
Catalog No.	CBP10397
Lot No.	CGD94698690
Format	Genomic DNA
DNA Change	c.8800C>T
AA Change	p.Q2934*
Mutation Type	Substitution - Nonsense
Zygosity	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000380152
Copy Number	2
Ploidy	1.97
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug01-2019
Expiry	36 months from the date of manufacture

## **Quality Control**

Test Items	Standard	Results	Passed
Quantity	lug/vial*2vials	lug/vial*2vials	
Concentration	Qubit 3.0	40 ng/uL±10%	$\checkmark$
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.82	
DNA electrophoresis	No Degradation	Ikb ladder M 1 M 1 M 1 M 1 M 1 M 1 M: Marker 1: BRCA2 p.Q2934* Reference Standard	$\checkmark$

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Genotype		10 220 230	
		JAATAATCACAGG <mark>C</mark> AAATGTTGAATGAT	
	Sanger	JAATAATCACAGG <mark>C</mark> AAATGTTGAATGAT	.1
	Sequencing		N
	1 0	MAMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
		JATATCACAGGCAAATGTTGAATGAT	
%AF	50%	48.37% by DdPCR detection	

## **Caution:**

For research use only.

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

Certified by: 지하 Date:\*\*\*\* 기흥내외과 Date:\*\*\*\*