

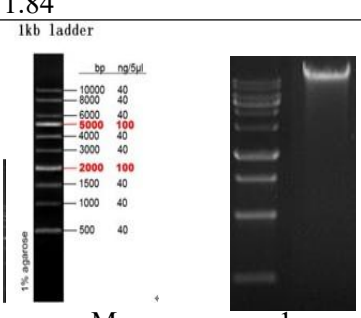
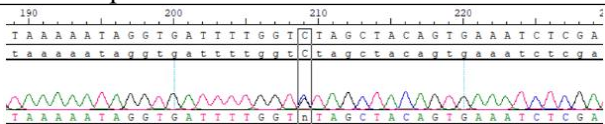
CERTIFICATE OF ANALYSIS

BRAF p.L597V Reference Standard

Product information

Name	BRAF p.L597V Reference Standard
Catalog No.	CBP10241
Lot No.	GBD57250627
Format	Genomic DNA
DNA Change	c.1789C>G
AA Change	p.L597V
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
Allelic Frequency	33.33%
Transcript	ENST00000288602
Chr position(GRCh37)	chr7:140453146
Copy Number	2
Ploidy	2.39
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-05-2020
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 ₂₆₀ /OD ₂₈₀	1.7~2.0	1.84	√
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>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: BRAF p.L597V Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>190 200 210 220 2</p> <p>T A A A A A T A G G T G A T T T T G G T C T A G C T A C A G T G A A A T C T C G A</p> <p>T a a a a a t a g g t g a t t t t g g t c t a g c t a c a g t g a a a t c t c g a</p> <p>T A A A A A T A G G T G A T T T T G G T C T A G C T A C A G T G A A A T C T C G A</p>	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****