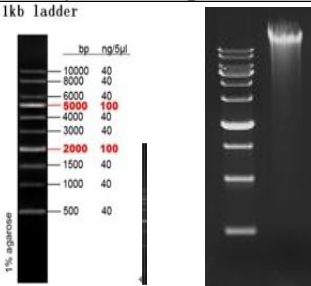
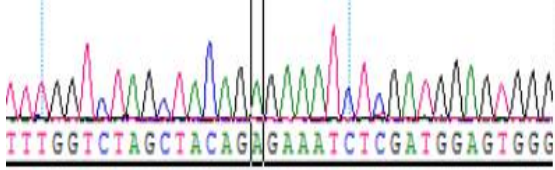


CERTIFICATE OF ANALYSIS

Product information

Name	BRAF p.V600E Reference Standard
Catalog No.	CBP10234
Lot No.	CBFA22082301
Format	Genomic DNA
DNA Change	c.1799T>A
AA Change	p.V600E
Mutation Type	Substitution - Missense
Zygoty	Homozygous
%AF	100.00%
Transcript	ENST00000288602
Chr position(GRCh37)	chr7:140453136
Copy Number	3
Ploidy	2.69
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Aug.-23-2022
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*3 vials	1.00 µg/vial*3 vials	√
Concentration	40.00 ng/uL±10%	43.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.80 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1 kb ladder</p> <p>M: Marker 1: BRAF p.V600E Reference Standard</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√
%AF	100.00%	100.00% 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:****