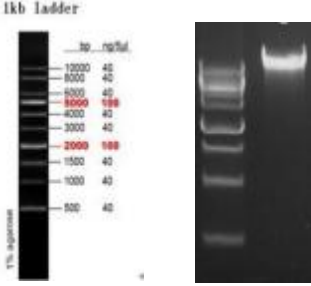
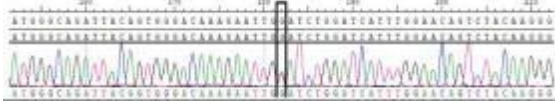


# CERTIFICATE OF ANALYSIS

## Product information

Name	BRAF p.G464V Reference Standard
Catalog No.	CBP10695
Lot No.	CBFA23092001
Format	Genomic DNA
DNA Change	c.1391G>T
AA Change	p.G464V
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
%AF	50.00% (NGS)
Transcript	NM_004333.6
Chr position(GRCh37)	chr7:140481417
Copy Number	4
Ploidy	2.78
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/09/20
Expiry	36 months from the date of manufacture


## Quality Control


Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	44.00 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.95 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>M: Marker 1: BRAF p.G464V Reference Standard</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

### Caution:

For research use only.

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

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

 Date:\*\*\*\*