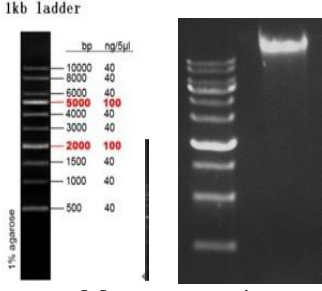
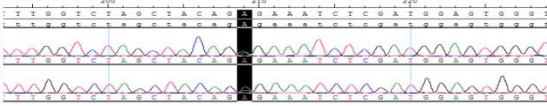


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® BRAF p.V600E Reference Standard Plus
Catalog No.	CBP10424
Lot No.	CGFA23033014
Format	Genomic DNA
DNA Change	c.1799T>A
AA Change	p.V600E
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
%AF	50.00%
Transcript	ENST00000288602
Chr position(GRCh37)	chr7:140453136
Copy Number	2
Ploidy	1.98
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	2023/03/30
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%	40.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.82 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: AI-Edigene® BRAF p.V600E Reference Standard Plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

%AF	50.00%	50.04% by DdPCR detection	√
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Caution:

For research use only.

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

Certified by:  Date:****

 Date:****