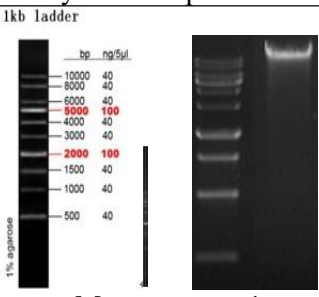
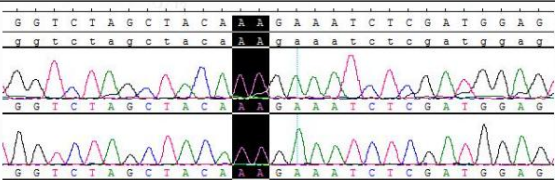


## CERTIFICATE OF ANALYSIS

### Product information

Name	AI-Edigene® BRAF p.V600K Reference Standard Plus
Catalog No.	CBP10413
Lot No.	GBD26919416
Format	Genomic DNA
DNA Change	c.1798 1799GT>AA
AA Change	p.V600K
Mutation Type	Substitution - Missense
Zygoty	Homozygous
%AF	100.00%
Transcript	ENST00000288602
Chr position(GRCh37)	chr7:140453136_140453137
Copy Number	2
Ploidy	1.98
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Nov.-26-2021
Expiry	36 months from the date of manufacture

### Quality Control

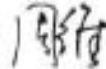
Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	30.00 ng/uL±10%	30.00 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.78 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: AI-Edigene® BRAF p.V600K Reference Standard Plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

%AF	100.00%	99.97% 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:\*\*\*\*