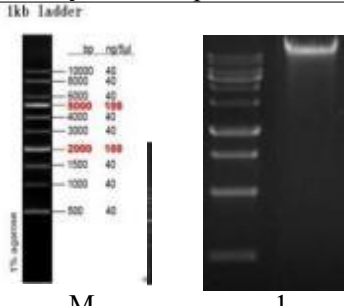
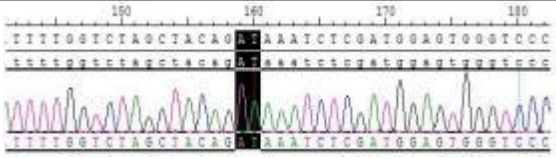


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® BRAF p.V600D Reference Standard Plus
Catalog No.	CBP10423
Lot No.	CBFA23033005X
Format	Genomic DNA
DNA Change	c.1799 1800TG>AT
AA Change	p.V600D
Mutation Type	Substitution - Missense
Zygosity	Homozygous
%AF	100.00%
Transcript	ENST00000288602
Chr position(GRCh37)	chr7:140453135 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

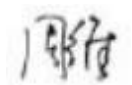
Quality Control

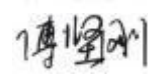
Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	40.40 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	2.01 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 M: Marker 1: AI-Edigene® BRAF p.V600D Reference Standard Plus	√
Genotype	Positive	 By sanger sequencing	√
%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:****