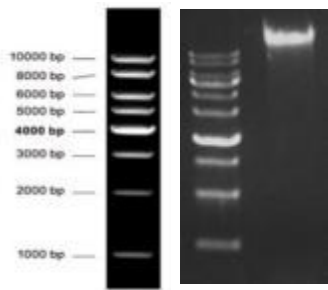
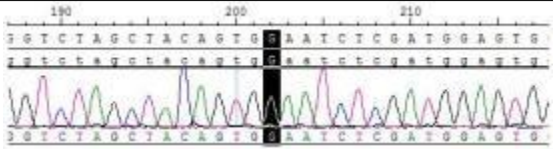


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® BRAF p.K601E Reference Standard Plus
Cat. No.	CBP10428
Lot No.	CBFA23081701X
Format	Genomic DNA
DNA Change	c. 1801A>G
AA Change	p.K601E
Mutation Type	Substitution - Missense
Zygoty	Homozygous
%AF	100%
Transcript	ENST00000288602
Chr position(GRCh37)	chr7:140453134
Copy Number	2
Ploidy	1.98
Buffer	Tris-EDTA
Storage Conditions	-25°C~ -15°C
Date of Manufacture	2023/08/17
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%	43.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.81 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 M: Marker 1: AI-Edigene® BRAF p.K601E Reference Standard Plus	√
Genotype	Positive	 By sanger sequencing	√
%AF	>99.00%	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: 彭玉楠 Date:2025/01/06

陶蕾 Date:2025/01/06