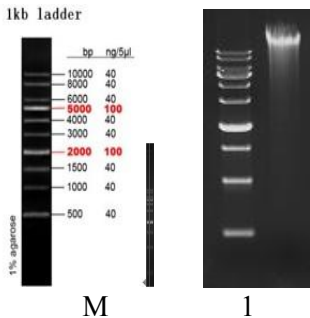
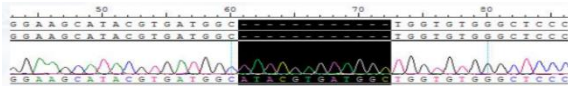


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® ERBB2 p.A775_G776insYVMA Reference Standard Plus
Catalog No.	CBP10416
Lot No.	GBD31695232
Format	Genomic DNA
DNA Change	c.2324_2325ins12 ATACGTGATGGC
AA Change	p.A775_G776insYVMA
Mutation Type	Insertion - In frame
Zygotity	Homozygous
%AF	100.00%
Transcript	ENST00000269571
Chr position(GRCh37)	chr17:37880995_37880996
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Sep.-13-2022
Expiry	36 months from the date of manufacture

Quality Control


Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*3 vials	1.00 µg/vial*3 vials	√
Concentration	40.00 ng/uL±10%	42.70 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.77 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5µl 10000 40 8000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: AI-Edigene® ERBB2 p.A775_G776insYVMA Reference Standard Plus </p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

%AF	100.00%	99.82% 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:****