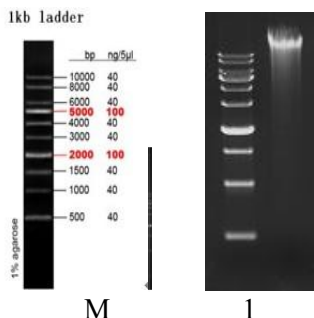
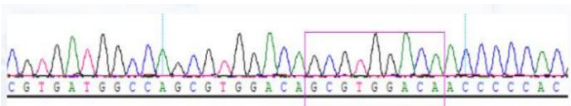


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® EGFR p.D770_N771insSVD Reference Standard Plus
Catalog No.	CBP10406
Lot No.	GBD34030141
Format	Genomic DNA
DNA Change	c.2311_2312insGCGTGGACA
AA Change	p.D770_N771insSVD
Mutation Type	Insertion - In frame
Zygoty	Homozygous
%AF	100.00%
Transcript	ENST00000275493
Chr position(GRCh37)	chr7:55249013_55249014
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Nov.-26-2021
Expiry	36 months from the date of manufacture

Quality Control

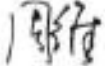
Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.30 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.77 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: AI-Edigene® EGFR p.D770_N771insSVD Reference Standard Plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√


%AF	100.00%	99.93% 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:****