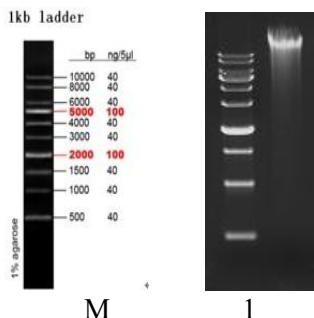
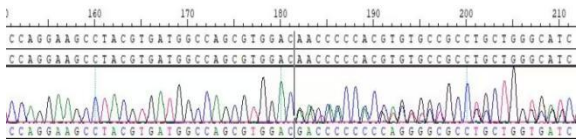


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® EGFR p.D770 N771insG Reference Standard Plus
Catalog No.	CBP10637
Lot No.	CBFA23120410
Format	Genomic DNA
DNA Change	c.2310_2311insGGT
AA Change	p.D770_N771insG
Mutation Type	Insertion - In frame
Zygosity	Heterozygous
%AF	50.00%
Transcript	ENST00000275493.2
Chr position(GRCh37)	chr7:55249012-55249013(GRCH37)
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/12/04
Expiry	36 months from the date of manufacture

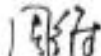
Quality Control


Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	44.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.98 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_N771insG Reference Standard Plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√
%AF	50.00%	50.42% 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:****