

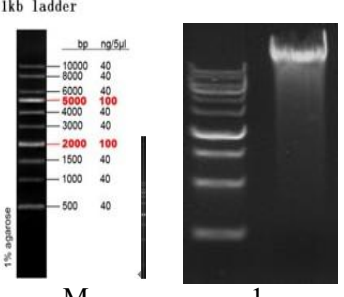
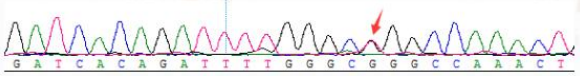
CERTIFICATE OF ANALYSIS

AI-Edigene® EGFR p.L858R Reference Standard Plus

Product information

Name	AI-Edigene® EGFR p.L858R Reference Standard Plus
Catalog No.	CBP10408
Lot No.	GBD87656931
Format	Genomic DNA
DNA Change	c.2573T>G
AA Change	p.L858R
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000275493
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Nov.-16-2021
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.79	√
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>4000 100</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</p> <p>1</p> <p>M: Marker</p> <p>1: AI-Edigene® EGFR p.L858R Reference Standard Plus</p>	√
Genotype	Sanger Sequencing	 <p>G A T T C A C A G A T T T T T G G G C G G G C C A A C T</p>	√
%AF	50.00%	50.3% 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:****