

CERTIFICATE OF ANALYSIS

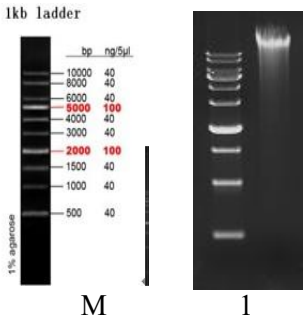
AI-Edigene® EGFR p.L747_A750>P Reference Standard Plus

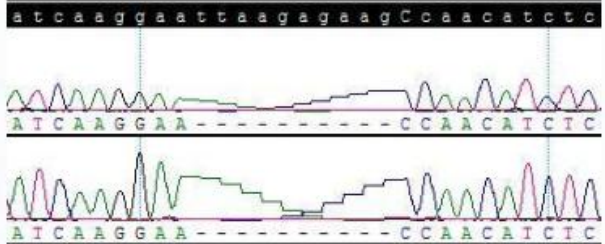
Product information

Name	AI-Edigene® EGFR p.L747_A750>P Reference Standard Plus
Catalog No.	CBP10417
Lot No.	CGD10746311
Format	Genomic DNA
DNA Change	c.2239_2248TTAAGAGAAG>C
AA Change	p.L747_A750>P
Mutation Type	Complex-deletion In frame
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000275493
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Apr.-15-2021
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	1.82	√

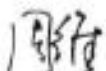
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: AI-Edigene® EGFR p.L747_A750>P Reference Standard Plus</p>	√
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Genotype	Sanger Sequencing		√
%AF	100%	99.53% 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:****