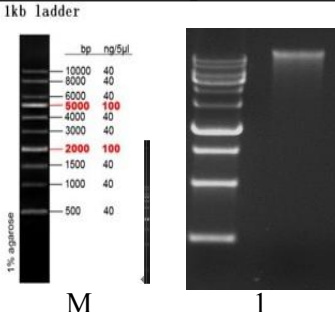
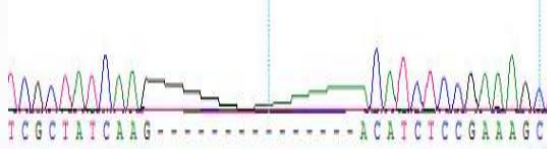


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® EGFR p.E746_A750delELREA Reference Standard Plus
Catalog No.	CBP10418
Lot No.	CBFA22092805
Format	Genomic DNA
DNA Change	c.2236_2250del15 GAATTAAGAGAAGCA>-
AA Change	p.E746_A750delELREA
Mutation Type	Deletion - In frame
Zygotity	Homozygous
%AF	100.00%
Transcript	ENST00000275493
Chr position(GRCh37)	chr7:55242466_55242480
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Sep.-28-2022
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%	41.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.86 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5µl 10000 40 8000 40 6000 40 4000 100 3000 40 2000 100 1500 40 1000 40 500 40 </p> <p> M: Marker 1: AI-Edigene® EGFR p.E746_A750delELREA Reference Standard Plus </p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√
%AF	100.00%	99.81% by DdPCR detection	√

Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date: 12/16/2022

 Date: 12/16/2022