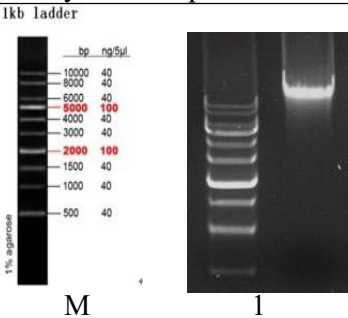
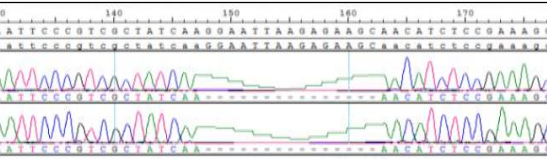


CERTIFICATE OF ANALYSIS

Product information

| | |
|----------------------|--|
| Name | AI-Edigene® EGFR p.E746_A750delELREA Reference Standard Plus |
| Catalog No. | CBP10415 |
| Lot No. | CBFA23060213 |
| Format | Genomic DNA |
| DNA Change | c.2235_2249del15 GGAATTAAGAGAAGC>- |
| AA Change | p.E746_A750delELREA |
| Mutation Type | Deletion - In frame |
| Zygoty | Homozygous |
| %AF | 100.00% |
| Transcript | ENST00000275493 |
| Chr position(GRCh37) | chr7:55242465_55242479 |
| Copy Number | 2 |
| Ploidy | 2.13 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | 2023/06/02 |
| 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% | 41.10 ng/uL by Qubit 3.0 detection | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.78 by Nanodrop detection | √ |
| DNA electrophoresis | No Degradation |  <p>1kb ladder</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% | 99.73% 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:****