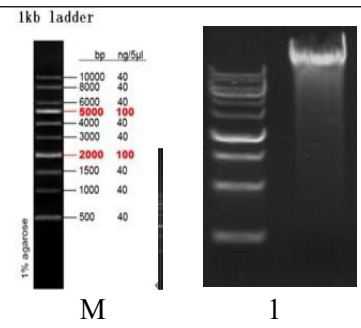


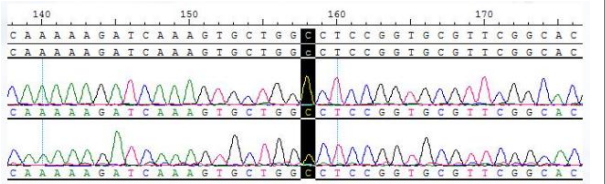
CERTIFICATE OF ANALYSIS EGFR p.G719A Reference Standard

Product information

| | |
|---------------------|--|
| Name | EGFR p.G719A Reference Standard |
| Catalog No. | CBP10414 |
| Lot No. | CGD18744937 |
| Format | Genomic DNA |
| DNA Change | c.2156G>C |
| AA Change | p.G719A |
| Mutation Type | Substitution - Missense |
| Zygosity | Homozygous |
| Allelic Frequency | 100% |
| Transcript | ENST00000275493 |
| Copy Number | 2 |
| Ploidy | 2.13 |
| Buffer | Tris-EDTA |
| Storage Conditions | -20°C |
| Date of Manufacture | Feb.-22-2021 |
| Expiry | 36 months from the date of manufacture |

Quality Control

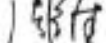
| Test Items | Standard | Results | Passed |
|--------------------------------------|----------------|--|--------|
| Quantity | 1ug/vial*1vial | 1ug/vial*1vial | √ |
| Concentration | Qubit 3.0 | 40 ng/uL±10% | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.0 | 1.76 | √ |
| DNA electrophoresis | No Degradation |  <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 5000 100 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: EGFR p.G719A Reference Standard </p> | √ |

| | | | |
|----------|-------------------|--|---|
| Genotype | Sanger Sequencing |  | √ |
| %AF | 100% | 99.94% 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:****