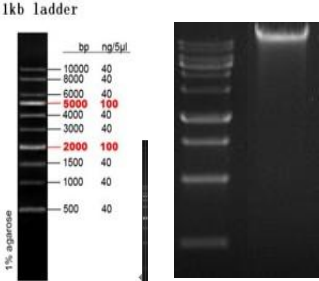
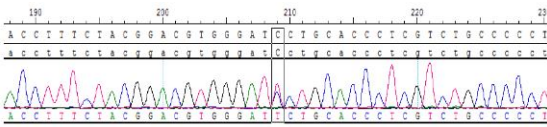


CERTIFICATE OF ANALYSIS

Product information

| | |
|----------------------|--|
| Name | ERBB2 p.S310F Reference Standard |
| Catalog No. | CBP10269 |
| Lot No. | GBD97984347 |
| Format | Genomic DNA |
| DNA Change | c.929C>T |
| AA Change | p.S310F |
| Mutation Type | Substitution - Missense |
| Zygotity | Heterozygous |
| %AF | 54.00% |
| Transcript | ENST00000269571 |
| Chr position(GRCh37) | chr17:37868208 |
| Copy Number | 4 |
| Ploidy | 2.99 |
| Buffer | Tris-EDTA |
| Storage Conditions | -20°C |
| Date of Manufacture | Sep.-14-2021 |
| 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% | 39.20 ng/uL by Qubit 3.0 detection | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.81 by Nanodrop detection | √ |
| DNA electrophoresis | No Degradation |  <p style="text-align: center;">M 1</p> <p>M: Marker 1: ERBB2 p.S310F Reference Standard</p> | √ |
| Genotype | Positive |  <p style="text-align: center;">By sanger sequencing</p> | √ |

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****