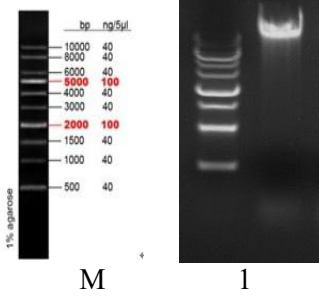
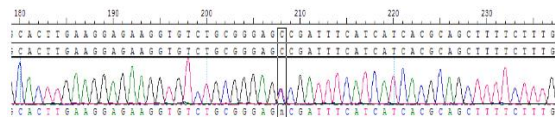


CERTIFICATE OF ANALYSIS

Product information

| | |
|-----------------------|--|
| Name | MTHFR 677C>T Reference Standard |
| Catalog No. | CBPA0019 |
| Lot No. | CBFA23082432X |
| Format | Genomic DNA |
| DNA Change | NM_005957.5_c.667C>T |
| AA Change | p.A222V |
| Chr position (GRCh38) | NC_000001.11_g.11796321G>A |
| Zygosity | Heterozygous |
| %AF | 50.00% |
| Copy Number | 2 |
| Ploidy | 2 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | 2023/08/24 |
| 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% | 40.60 ng/uL by Qubit 3.0 detection | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.84 by Nanodrop detection | √ |
| DNA electrophoresis | No Degradation | <p>1kb ladder</p>  <p>M: Marker 1: MTHFR 677C>T Reference Standard</p> | √ |
| Genotype | Positive |  <p>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:****