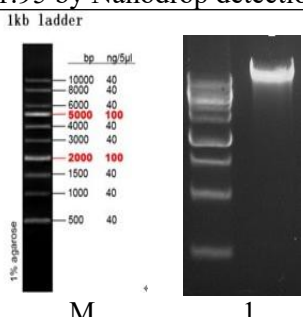
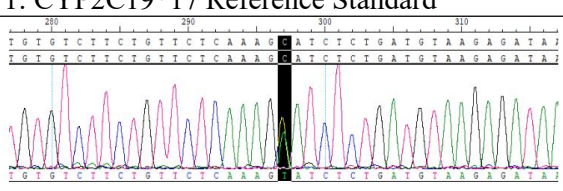


CERTIFICATE OF ANALYSIS

Product information

| | |
|-----------------------|--|
| Name | CYP2C19*17 Reference Standard |
| Catalog No. | CBPA0009 |
| Lot No. | CBFA23090613X |
| Format | Genomic DNA |
| DNA Change | NM_000769.4:c.-806C>T |
| AA Change | N/A |
| Chr position (GRCh38) | chr10:94761900 |
| Zygosity | Heterozygous |
| %AF | 50.00% |
| Copy Number | 2 |
| Ploidy | 2 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | 2023/09/06 |
| 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% | 43.00 ng/uL by Qubit 3.0 detection | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.95 by Nanodrop detection | √ |
| DNA electrophoresis | No Degradation |  <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: CYP2C19*17 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:****