

CERTIFICATE OF ANALYSIS

Product information

| Name | CYP2C9*2 Reference Standard |
|-----------------------|--|
| Catalog No. | CBPA0042 |
| Lot No. | GBD14301085 |
| Format | Genomic DNA |
| DNA Change | NM_000771.4:c.430C>T |
| AA Change | p.R144C |
| Chr position (GRCh38) | NC_000010.11:g.94942290C>T |
| Zygosity | Homozygous |
| %AF | 100.00% |
| Copy Number | 2 |
| Ploidy | 2 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | May-11-2021 |
| Expiry | 36 months from the date of manufacture |
| Expiry | 36 months from the date of manufacture |

Quality Control

| Quantity $1.00 \ \mu g/vial*1 \ vial$ $1.00 \ \mu g/vial*1 \ vial$ $$ Concentration $40.00 \ ng/uL\pm10\%$ $42.50 \ ng/uL \ by \ Qubit 3.0 \ detection$ $$ OD_{260}/OD_{280} $1.7\sim2.1$ $1.83 \ by \ Nanodrop \ detection$ $$ DNA electrophoresisNo Degradation M M 1 M M 1 M M M 1 M M 1 M M 1 M M M 1 M M 1 M M 1 M M M 1 M M 1 M M 1 M M M M 1 M <th>Test Items</th> <th>Standard</th> <th>Results</th> <th>Passed</th> | Test Items | Standard | Results | Passed |
|--|--------------------------------------|---------------------|--|--------------|
| Concentration40.00 ng/uL±10%42.50 ng/uL by Qubit 3.0 detection OD_{260}/OD_{280} 1.7~2.11.83 by Nanodrop detection No M M electrophoresisNo Degradation M | | 1.00 μg/vial*1 vial | | |
| OD_{260}/OD_{280} 1.7~2.11.83 by Nanodrop detection $$ DNA electrophoresisNo Degradation M M 1 M M 1 M 1 M M 1 M 1 M M 1 M M M 1 M M 1 M M 1 M M M M 1 M <td>Concentration</td> <td></td> <td></td> <td></td> | Concentration | | | |
| DNA electrophoresisNo Degradation $\int_{1}^{\frac{1}{100}} \int_{0}^{\frac{1}{100}} \int_{0}^{\frac{1}$ | OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | | |
| Genotype Positive | | No Degradation | M 1 M: Marker | \checkmark |
| By sanger sequencing | Genotype | Positive | Management and a second a secon | |

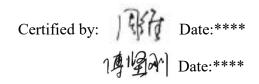
Caution:

For research use only. If you have any questions about the Certificate of Analysis, please contact us.

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