

## **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 <sub>260</sub> /OD <sub>280</sub>	1.7~2.1		
Genotype Positive		No Degradation	M 1 M: Marker	$\checkmark$
By sanger sequencing	Genotype	Positive	Management and a second a secon	

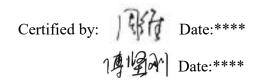
## **Caution:**

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

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