

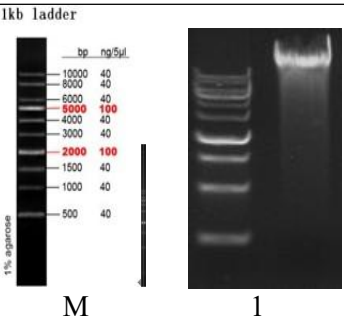
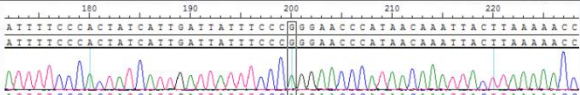
# CERTIFICATE OF ANALYSIS

## CYP2C19\*2 Reference Standard

### Product information

Name	CYP2C19*2 Reference Standard
Catalog No.	CBPA0007
Lot No.	GBD12591924
Format	Genomic DNA
DNA Change	NM_000769.1_c.681G>A
AA Change	p.P227=
Chr position (GRCh38)	NC_000010.11_g.94781859G>A
Zygoty	Homozygous
Allelic Frequency	100%
Copy Number	2
Ploidy	2
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-05-2020
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	2ug/vial*1vial	2ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.90	√
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</p> <p>1</p> <p>M: Marker</p> <p>1: CYP2C19*2 Reference Standard</p>	√
Genotype	Sanger Sequencing		√

**Caution:**

For research use only.

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

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*