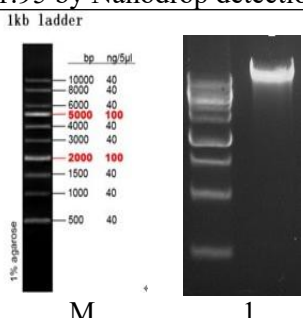
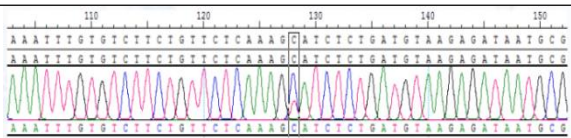


## CERTIFICATE OF ANALYSIS

### Product information

Name	CYP2C19*17 Reference Standard
Catalog No.	CBPA0009
Lot No.	CGFA23051103
Format	Genomic DNA
DNA Change	NM_000769.1 c.-806C>T
AA Change	N/A
Chr position (GRCh38)	NC_000010.11 g.94761900C>T
Zygosity	Heterozygous
%AF	50.00%
Copy Number	2
Ploidy	2
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/05/11
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%	43.10 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	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>110 120 130 140 150</p> <p>AAATTTGTGTCCTTCTGTTCTCAAAAGCATCTCTGATGTAAGAGATAAATGCG</p> <p>AAATTTGTGTCCTTCTGTTCTCAAAAGCATCTCTGATGTAAGAGATAAATGCG</p> <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:\*\*\*\*