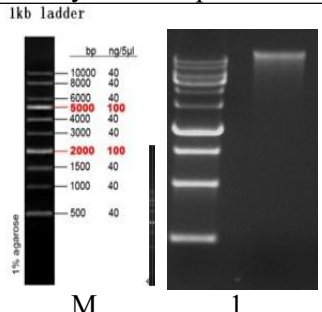
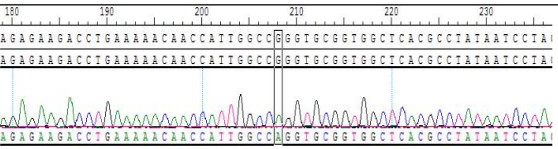


CERTIFICATE OF ANALYSIS

Product information

Name	VKORC1-1639G>A Reference Standard
Catalog No.	CBPA0013
Lot No.	GBD83081532
Format	Genomic DNA
DNA Change	NM_024006.4_-1639G>A
AA Change	N/A
Chr position (GRCh38)	NC_000016.10_g.31096368C>T
Zygoty	Homozygous
%AF	100.00%
Copy Number	2
Ploidy	2
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2021/07/15
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%	41.40 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.81 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: VKORC1-1639G>A 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:****