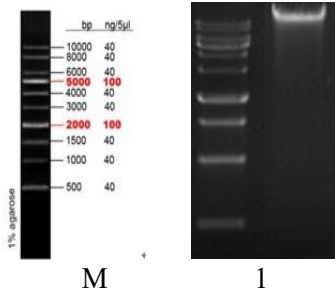
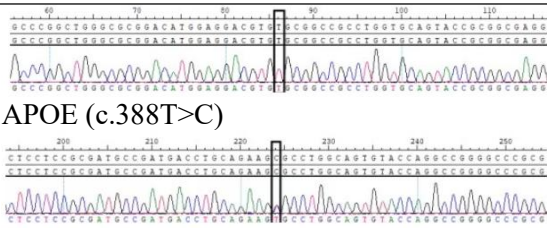


CERTIFICATE OF ANALYSIS

Product information

Name	APOE E2 Reference Standard	
Catalog No.	CBPA0078	
Lot No.	CBFA23122803	
Format	Genomic DNA	
DNA Change	NM 000041.4:c.388T>C	NM 000041.2:c.526C-T
AA Change	p.Cys130Arg	p.Arg176Cys
Zygoty	Wild Type	Heterozygous
%AF	0.00%	50.00%
Chr position(GRCh37)	NC 000019.9:g.45411941T>C	NC000019.9:g.45412079C-T
Copy Number	2	
Ploidy	2	
Buffer	Tris-EDTA	
Storage Conditions	4°C	
Date of Manufacture	2023/12/28	
Expiry	36 months from the date of manufacture	

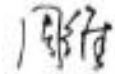
Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	43.20 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.80 by Nanodrop detection	√
DNA electrophoresis	No Degradation	<p>1kb ladder</p>  <p>M: Marker 1: APOE E2 Reference Standard</p>	√
Genotype	Positive	 <p>APOE (c.388T>C) APOE (c.526C>T) 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:****