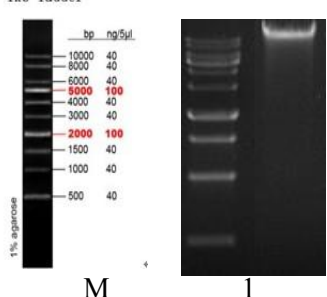
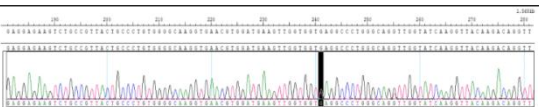


## CERTIFICATE OF ANALYSIS

### Product information

Name	$\beta$ -thalassemia Codon 26(GAG>AAG) mutation Reference Standard
Catalog No.	CBPD0008
Lot No.	GBD29068410
Format	Genomic DNA
Variation site	Codon 26(GAG>AAG)
Zygoty	Heterozygous
%AF	50.00%
Transcript	NM_000518.5
Chr position(GRCh37)	N/A
Copy Number	2
Ploidy	2
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2022/08/31
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 $\mu$ g/vial*1 vial	1.00 $\mu$ g/vial*1 vial	√
Concentration	40.00 ng/uL $\pm$ 10%	43.00 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.97 by Nanodrop detection	√
DNA electrophoresis	No Degradation	1kb ladder  M: Marker I: $\beta$ -thalassemia Codon 26(GAG>AAG) mutation Reference Standard	√
Genotype	Positive	 By sanger sequencing	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*