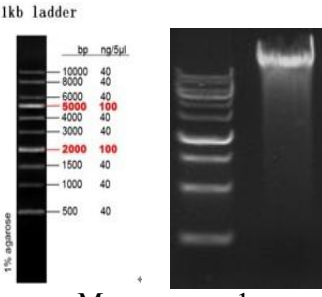
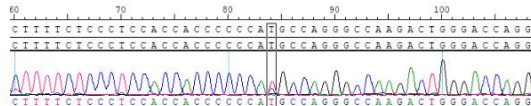


CERTIFICATE OF ANALYSIS

Product information

Name	SMN1 p.M200T Reference Standard
Catalog No.	CBP10560
Lot No.	CGFA23032009
Format	Genomic DNA
DNA Change	c.599T>C
AA Change	p.M200T
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	N/A
Transcript	ENST00000380707.4
Chr position (GRCh37)	chr5:70238669-t-c
Copy Number	N/A
Ploidy	N/A
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/03/20
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%	43.60 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.84 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5µl</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</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: SMN1 p.M200T 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:****