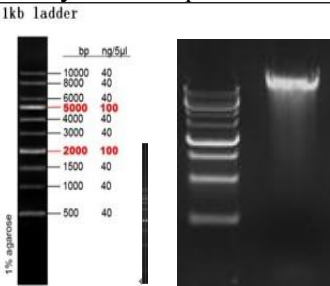


## CERTIFICATE OF ANALYSIS

### Product information

Name	SMN1 E7-E8Del (muscle atrophy) Reference Standard
Catalog No.	CBPD0017
Lot No.	CBFA23071401
Format	Genomic DNA
DNA Change	Unknown
AA Change	E7-E8 Del
Mutation Type	Exon Deletion
Zygoty	Homozygous
%AF	100.00%
Transcript	NM_022874.2
Copy Number	2
Ploidy	2
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/07/14
Expiry	36 months from the date of manufacture

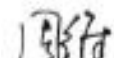
### Quality Control

Test Items	Standard	Results	Passed
Quantity	0.50 µg/vial*1 vial	0.50 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.10 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.92 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: SMN1 E7-E8Del (muscle atrophy) Reference Standard</p>	√

### Caution:

For research use only.

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

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

 Date:\*\*\*\*