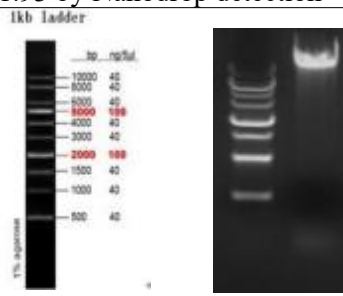


CERTIFICATE OF ANALYSIS

Product information

Name	SMN1 Loss/SMN2 Normal Reference Standard	
Catalog No.	CBPD0019	
Lot No.	CBFA23081403	
Format	Genomic DNA	
Copy number variation	Loss	Normal
Measured CNV	SMN1	SMN2
	1 (NGS)	2 (NGS)
Ploidy	2	
Buffer	Tris-EDTA	
Storage Conditions	4°C	
Date of Manufacture	2023/08/14	
Expiry	36 months from the date of manufacture	

Quality Control

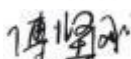
Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.20 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.93 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>M: Marker 1: SMN1 Loss/SMN2 Normal Reference Standard</p>	√
Copy number	Loss	SMN1	CN=0.93 detected by ddPCR
	Normal	SMN2	CN= 1.98 detected by ddPCR

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****