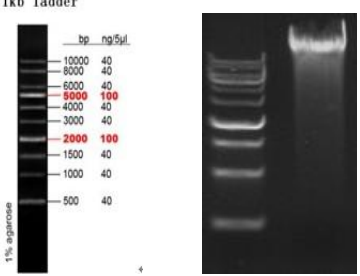


CERTIFICATE OF ANALYSIS

Product information

Name	SMN1 Normal/SMN2 Normal Reference Standard	
Catalog No.	CBPD0020	
Lot No.	CBFA23020306	
Format	Genomic DNA	
Copy number variation	Normal	
Measured CNV	SMN1	2 (NGS)
	SMN2	2 (NGS)
Ploidy	2	
Buffer	Tris-EDTA	
Storage Conditions	4°C	
Date of Manufacture	2023/02/03	
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%	39.00 ng/uL by Qubit 3.0 detection	√				
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.88 by Nanodrop detection	√				
DNA electrophoresis	No Degradation	<p>1kb ladder</p>  <p>M: Marker 1: SMN1 Normal/SMN2 Normal Reference Standard</p>	√				
Copy number	Normal	<table border="1"> <tr> <td>SMN1</td> <td>CN=2.13 detected by ddPCR</td> </tr> <tr> <td>SMN2</td> <td>CN=2.01 detected by ddPCR</td> </tr> </table>	SMN1	CN=2.13 detected by ddPCR	SMN2	CN=2.01 detected by ddPCR	√
SMN1	CN=2.13 detected by ddPCR						
SMN2	CN=2.01 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:****