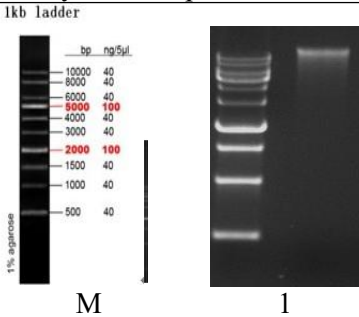


CERTIFICATE OF ANALYSIS

Product information

Name	PALB2 Loss Reference Standard
Catalog No.	CBP40065
Lot No.	GBD27330058
Format	Genomic DNA
Copy number variation	Loss
Measured CNV	1(NGS)
Ploidy	2.22
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Jun.-28-2022
Expiry	36 months from the date of manufacture

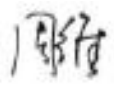

Quality Control

Test Items	Standard	Results	Passed
Quantity	0.50 µg/vial*1 vial	0.50 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	38.90 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.91 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: PALB2 Loss Reference Standard</p>	√
Copy number	Loss	CN=0.87 by DdPCR detection	√

Caution:

For research use only.

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

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