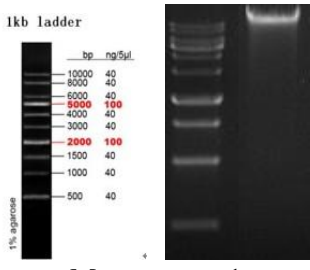


CERTIFICATE OF ANALYSIS

General information

Name	tTMB-P4(21.09) Reference Standard_Tumor
Catalog No.	CBP80001-4
Lot No.	CBFA22101796
Format	Genomic DNA
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-17-2022
Expiry	36 months from the date of manufacture

Quality Control

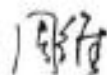
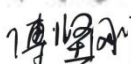
Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	38.30 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.88 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p> M: Marker 1: tTMB-P4(21.09) Reference Standard_Tumor </p>	√
TMB Value	21.09(Pair)-cut off 2%	21.09(Pair)-cut off 2% 20.82(Pair)-cut off 3% 20.61(Pair)-cut off 4% 20.53(Pair)-cut off 5% By 500x WES detection	√

For detail data of WES, please contact us.

Caution:

For research use only.

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

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