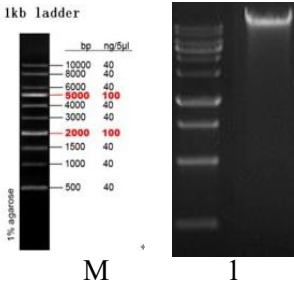


CERTIFICATE OF ANALYSIS

General information

| | |
|---------------------|---|
| Name | tTMB-P5(27.15) Reference Standard_Tumor |
| Catalog No. | CBP80001-5 |
| Lot No. | GBD45339573 |
| Format | Genomic DNA |
| Buffer | Tris-EDTA |
| Storage Conditions | -20°C |
| Date of Manufacture | Dec.-23-2020 |
| Expiry | 36 months from the date of manufacture |

Quality Control

| Test Items | Standard | Results | Passed |
|---------------------|----------------|--|--------|
| Quantity | 1ug/vial*1vial | 1ug/vial*1vial | √ |
| Concentration | Qubit 3.0 | 40 ng/uL±10% | √ |
| OD260/OD280 | 1.75~1.9 | 1.89 | √ |
| DNA electrophoresis | No Degradation |  <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 5000 100 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: tTMB-P5(27.15) Reference Standard Tumor </p> | √ |
| TMB Value | 500x WES | 27.15(Pair)-cut off 2% 26.79(Pair)-cut off 3% 26.49(Pair)-cut off 4% 26.37(Pair)-cut off 5% | |


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: ****