

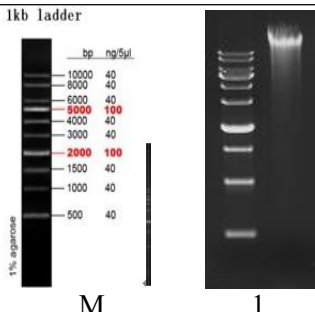
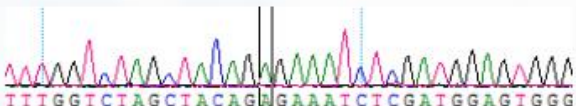
CERTIFICATE OF ANALYSIS

BRAF p.V600E Reference Standard

Product information

| | |
|---------------------|--|
| Name | BRAF p.V600E Reference Standard |
| Catalog No. | CBP10234 |
| Lot No. | CGD84851749 |
| Format | Genomic DNA |
| DNA Change | c.1799T>A |
| AA Change | p.V600E |
| Mutation Type | Substitution - Missense |
| Zygoty | Homozygous |
| Allelic Frequency | 100% |
| Transcript | ENST00000288602 |
| Copy Number | 3 |
| Ploidy | 2.69 |
| Buffer | Tris-EDTA |
| Storage Conditions | -20°C |
| Date of Manufacture | May-17-2020 |
| Expiry | 36 months from the date of manufacture |

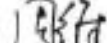
Quality Control

| Test Items | Standard | Results | Passed |
|--------------------------------------|-------------------|---|--------|
| Quantity | 1ug/vial*4vials | 1ug/vial*4vials | √ |
| Concentration | Qubit 3.0 | 40 ng/uL | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.0 | 1.79 | √ |
| DNA electrophoresis | No Degradation |  <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: BRAF p.V600E Reference Standard</p> | √ |
| Genotype | Sanger Sequencing |  <p>TTTGGTCTAGCTACAGGAAATCTCGATGGAGTGGG</p> | √ |

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****