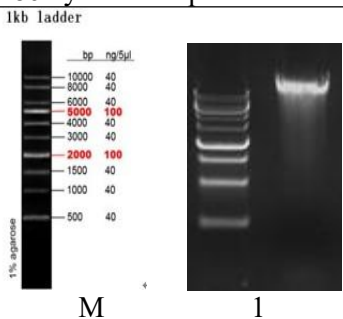
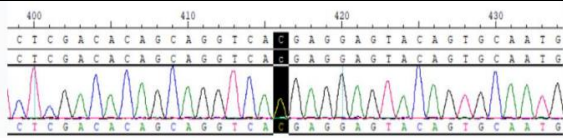


CERTIFICATE OF ANALYSIS

Product information

| | |
|----------------------|--|
| Name | KRAS p.Q61H Reference Standard |
| Catalog No. | CBP10300 |
| Lot No. | CGFA23042601 |
| Format | Genomic DNA |
| DNA Change | c.183A>C |
| AA Change | p.Q61H |
| Mutation Type | Substitution - Missense |
| Zygoty | Homozygous |
| %AF | 100.00% |
| Transcript | ENST00000311936 |
| Chr position(GRCh37) | chr12:25380275 |
| Copy Number | 2 |
| Ploidy | 2.4 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | 2023/04/26 |
| 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% | 41.20 ng/uL by Qubit 3.0 detection | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.86 by Nanodrop detection | √ |
| DNA electrophoresis | No Degradation |  <p>1kb ladder</p> <p>M: Marker 1: KRAS p.Q61H Reference Standard</p> | √ |
| Genotype | Positive |  <p>By sanger sequencing</p> | √ |
| %AF | 100.00% | 100.00% 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:****