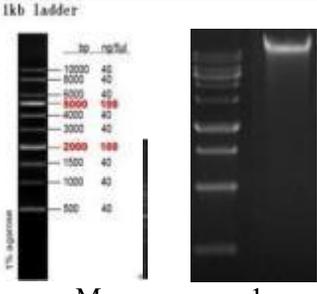
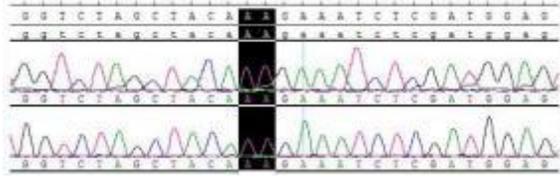


CERTIFICATE OF ANALYSIS

Product information

| | |
|----------------------|--------------------------------------------------|
| Name | AI-Edigene® BRAF p.V600K Reference Standard Plus |
| Catalog No. | CBP10413 |
| Lot No. | GBD42749765 |
| Format | Genomic DNA |
| DNA Change | c.1798 1799GT>AA |
| AA Change | p.V600K |
| Mutation Type | Substitution - Missense |
| Zygosity | Homozygous |
| %AF | 100% |
| Transcript | ENST00000288602 |
| Chr position(GRCh37) | chr7:140453136_140453137 |
| Copy Number | 2 |
| Ploidy | 1.98 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | Aug.-02-2022 |
| Expiry | 36 months from the date of manufacture |

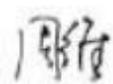
Quality Control

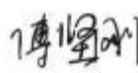
| Test Items | Standard | Results | Passed |
|--------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Quantity | 1.00 µg/vial*1 vial | 1.00 µg/vial*1 vial | √ |
| Concentration | 30 ng/uL±10% | 30 ng/uL | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.78 | √ |
| DNA electrophoresis | No Degradation |  <p>M: Marker 1: AI-Edigene® BRAF p.V600K Reference Standard Plus</p> | √ |
| Genotype | Positive |  <p>By sanger sequencing</p> | √ |
| %AF | 100% | 99.97% 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:****