

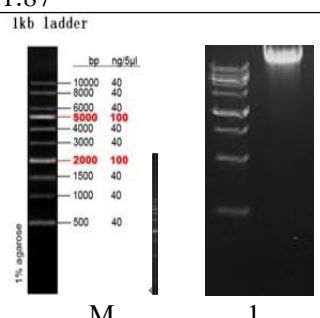
CERTIFICATE OF ANALYSIS

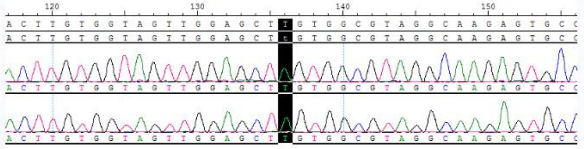
AI-Edigene® KRAS p.G12C Reference Standard Plus

Product information

| | |
|----------------------|---|
| Name | AI-Edigene® KRAS p.G12C Reference Standard Plus |
| Catalog No. | CBP10478 |
| Lot No. | GBD89643763 |
| Format | Genomic DNA |
| DNA Change | c.34G>T |
| AA Change | p.G12C |
| Mutation Type | Substitution - Missense |
| Zygoty | Homozygous |
| Allelic Frequency | 100% |
| Transcript | ENST00000311936 |
| Chr position(GRCh37) | chr12:25398285 |
| Copy Number | 2 |
| Ploidy | 2.13 |
| Buffer | Tris-EDTA |
| Storage Conditions | -20°C |
| Date of Manufacture | Jun.-09-2022 |
| Expiry | 36 months from the date of manufacture |

Quality Control

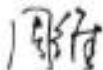
| Test Items | Standard | Results | Passed |
|--------------------------------------|-----------------|---|--------|
| Quantity | 1ug/vial*3vials | 1ug/vial*3vials | √ |
| Concentration | Qubit 3.0 | 40 ng/uL±10% | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.0 | 1.87 | √ |
| DNA electrophoresis | No Degradation |  <p>1kb ladder</p> <p>bp ng5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</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>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: AI-Edigene® KRAS p.G12C Reference Standard Plus</p> | √ |

| | | | |
|----------|-------------------|--|---|
| Genotype | Sanger Sequencing |  | √ |
| %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:****