

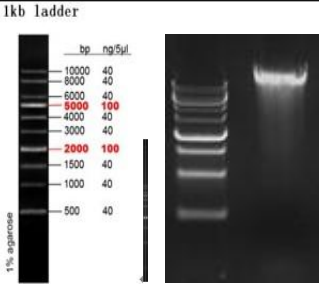
CERTIFICATE OF ANALYSIS

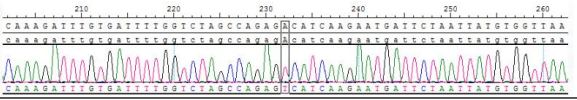
AI-Edigene® c-KIT p.D816V Reference Standard Plus

Product information

| | |
|---------------------|---|
| Name | AI-Edigene® c-KIT p.D816V Reference Standard Plus |
| Catalog No. | CBP10507 |
| Lot No. | GBD13361271 |
| Format | Genomic DNA |
| DNA Change | c.2447A>T |
| AA Change | p.D816V |
| Mutation Type | Substitution - Missense |
| Zygoty | Homozygous |
| Allelic Frequency | 100% |
| Transcript | NM_000222.2 |
| Copy Number | 2 |
| Ploidy | 1.99 |
| Buffer | Tris-EDTA |
| Storage Conditions | -20°C |
| Date of Manufacture | Sep.-15-2021 |
| Expiry | 36 months from the date of manufacture |

Quality Control



| Test Items | Standard | Results | Passed |
|--------------------------------------|-----------------|--|--------|
| Quantity | 1ug/vial*2vials | 1ug/vial*2vials | √ |
| Concentration | Qubit 3.0 | 25 ng/uL±10% | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.0 | 1.81 | √ |
| 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>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>M</p> <p>1</p> <p>M: Marker</p> <p>1: AI-Edigene® c-KIT p.D816V Reference Standard Plus</p> | √ |

| | | | |
|----------|-------------------|--|---|
| Genotype | Sanger Sequencing |  | √ |
| %AF | 100% | 99.93% 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: ****