

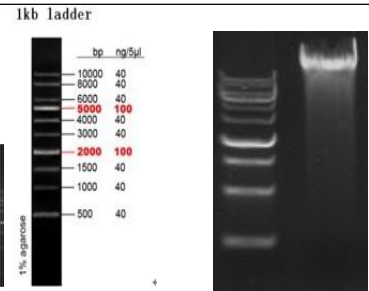
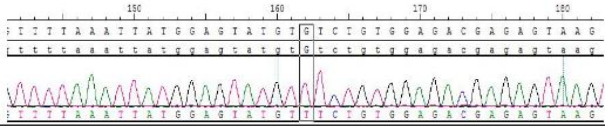
CERTIFICATE OF ANALYSIS

JAK2 p.V617F Reference Standard

Product information

| | |
|----------------------|--|
| Name | JAK2 p.V617F Reference Standard |
| Catalog No. | CBP10340 |
| Lot No. | GBD49611887 |
| Format | Genomic DNA |
| DNA Change | c.1849G>T |
| AA Change | p.V617F |
| Mutation Type | Substitution - Missense |
| Zygosity | Homozygous |
| Allelic Frequency | 100.00% |
| Transcript | ENST00000381652 |
| Chr position(GRCh37) | chr9:5073770 |
| Copy Number | N/A |
| Ploidy | N/A |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | Sep.-13-2022 |
| Expiry | 36 months from the date of manufacture |

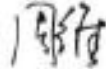
Quality Control

| Test Items | Standard | Results | Passed |
|--------------------------------------|-------------------|--|--------|
| Quantity | 1ug/vial*2vials | 1ug/vial*2vials | √ |
| Concentration | Qubit 3.0 | 40 ng/ul±10% | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.0 | 1.74 | √ |
| DNA electrophoresis | No Degradation |  <p style="text-align: center;">M 1</p> <p>M: Marker 1: JAK2 p.V617F Reference Standard</p> | √ |
| Genotype | Sanger Sequencing |  | √ |
| %AF | 100% | 100% 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:****