

# **CERTIFICATE OF ANALYSIS**

| 1 I outet mittimation |  |  |  |
|-----------------------|--|--|--|
| Name                  | ERBB2 p.G776>VC Reference Standard     |  |  |
| Catalog No.           | CBP10409                               |  |  |
| Lot No.               | CGFA23051006                           |  |  |
| Format                | Genomic DNA                            |  |  |
| DNA Change            | c.2326_2327insTGT                      |  |  |
| AA Change             | p.G776VC                               |  |  |
| Mutation Type         | In_Frame_Ins                           |  |  |
| Zygosity              | Homozygous                             |  |  |
| %AF                   | 100.00%                                |  |  |
| Transcript            | N/A                                    |  |  |
| Chr position(GRCh37)  | chr17:37880997_37880998                |  |  |
| Copy Number           | 3                                      |  |  |
| Ploidy                | 2.44                                   |  |  |
| Buffer                | Tris-EDTA                              |  |  |
| Storage Conditions    | 4°C                                    |  |  |
| Date of Manufacture   | 2023/05/10                             |  |  |
| Expiry                | 36 months from the date of manufacture |  |  |

### **Product information**

## **Quality Control**

| Test Items                           | Standard             | Results  | Passed       |
|--------------------------------------|----------------------|--|--------------|
| Quantity                             | 1.00 μg/vial*2 vials | 1.00 μg/vial*2 vials   | $\checkmark$ |
| Concentration                        | 40.00 ng/uL±10%      | 39.20 ng/uL by Qubit 3.0 detection   | $\checkmark$ |
| OD <sub>260</sub> /OD <sub>280</sub> | 1.7~2.1              | 1.81 by Nanodrop detection   | $\checkmark$ |
| DNA<br>electrophoresis               | No Degradation       | Ikb ladder<br>Ikb ladder<br>Ikb ladder<br>Ikb ladder<br>Ikb ladder<br>M 1<br>M: Marker<br>1: ERBB2 p.G776>VC Reference Standard  | V            |
| Genotype                             | Positive             | 100 110 120 130 140   CCARGEARACATIACGTGATGGCTG TOTOTOGGCTCCCCATATOTCT   CCARGEARACATACGTGATGGCTG TOTOTOGGCTCCCCATATOTCT   CCARGEARGCATACGTGATGGCTG TOTOTOGGCTCCCCATATOTCT   CCARGEARGCATACGTGATGGCTG TOTOTOGGCTCCCCCATATOTCT   CCARGEARGCATACGTGATGGCTG TOTOTOGGCTCCCCCATATOTCT   CCARGEARGCATACGTGATGGCTG TOTOTOGGCTCCCCCATATOTCT   MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM | $\checkmark$ |
| %AF                                  | 100.00%              | 99.8% by DdPCR detection   | $\checkmark$ |

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#### **Caution:**

For research use only. If you have any questions about the Certificate of Analysis, please contact us.

Certified by: IT Date:\*\*\*\* 1 建设计 Date:\*\*\*\*

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