

## Certificate of Analysis

Product Name: Polyclonal Anti-Epstein-Barr Virus BORF1 Antibody

Catalog Number: DZ41561

### Description

|                      |   |
|----------------------|---|
| <b>Lot No.</b>       | 24DZ677-1003E14   |
| <b>Size</b>          | 200µl/vial  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 500µg/ml  |
| <b>Ig type</b>       | Rabbit IgG  |
| <b>Purification</b>  | Immunogen affinity purified.  |
| <b>Contents</b>      | Each vial contains 20mM PBS, 50% glycerol, 0.02% NaN <sub>3</sub> . |

### Data of Indirect ELISA

|   |          |          |           |            |
|---|----------|----------|-----------|------------|
| Coating concentration of antigen  | 0.1µg/ml | 0.1µg/ml | 0.1µg/ml  | 0.1µg/ml   |
| Working concentration of anti-BORF1 antibody                                    | 1µg/ml   | 0.1µg/ml | 0.01µg/ml | 0.001µg/ml |
| Working concentration of HRP conjugated goat anti-rabbit IgG (Catalog # BA1054) | 0.2µg/ml | 0.2µg/ml | 0.2µg/ml  | 0.2µg/ml   |
| O.D. values (450 nm)  | 1.665    | 0.307    | 0.077     | 0.052      |
| Antibody Status   | Pass     |          |           |            |

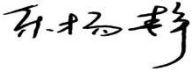
### Data Evaluation Criteria

|  |          |          |
|--|----------|----------|
| Coating concentration of antigen                             | 0.1µg/ml | 0.1µg/ml |
| Working concentration of the primary antibody                | 1µg/ml   | 1µg/ml   |
| Working concentration of HRP conjugated goat anti-rabbit IgG | 0.2µg/ml | 0.2µg/ml |
| O.D. values (450 nm)   | ≥ 1.0    | <1.0     |
| Antibody's affinity for the antigen                          | Strong   | Weak     |
| Antibody Status  | Pass     | Fail     |

### Storage

At -20°C for one year, at 4°C for one month. Avoid repeated freezing and thawing.

Approved by:



Ms. Yangjing Yue

Chief technician

Quality Control System of ELISA

Date: May 14, 2024