

## Certificate of Analysis

Product Name: Polyclonal Anti- Cav1.3/CACNA1DA Antibody

Catalog Number: DZ33931

### Description

|                      |  |
|----------------------|--|
| <b>Lot No.</b>       | 19DZ46F03  |
| <b>Size</b>          | 100µl/vial   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 1mg/ml   |
| <b>Ig type</b>       | Rabbit IgG   |
| <b>Purification</b>  | Immunogen affinity purified.   |
| <b>Contents</b>      | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 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-Cav1.3/CACNA1DA 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 (450nm)   | 2.542    | 2.403    | 2.387     | 1.454      |
| 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 (450nm)  | ≥ 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: June 3, 2019