BOSTER
antibody and ELISA experts

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# Certificate of Analysis

Product Name: Polyclonal Anti-Octopus bimaculoides (California two-spotted octopus) cpt1a/whd Antibody

Catalog Number: DZ42017

## Description

| | |
|---|---|
| **Lot No.** | 26BZ174H21 |
| **Size** | 200μl/vial |
| **Form** | Liquid |
| **Concentration** | 500μg/ml |
| **Ig type** | Rabbit IgG |
| **Purification** | Immunogen affinity purified. |
| **Contents** | Each vial contains 20mM PBS, 50% glycerol, 0.02% $NaN_3$. |

## Data of Indirect ELISA

| | | | | |
|---|---|---|---|---|
| Coating concentration of antigen | 0.1μg/ml | 0.1μg/ml | 0.1μg/ml | 0.1μg/ml |
| Working concentration of anti-cpt1a/whd 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) | 6.000 | 4.604 | 4.433 | 2.005 |
| Antibody Status | Pass | | | |

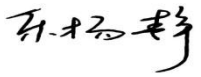
## Data Evaluation Criteria

| | | |
|---|---|---|
| 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: Aug. 21, 2026