BOSTER
antibody and ELISA experts

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Certificate of Analysis

Product Name: Polyclonal Anti-Doryteuthis pealeii (Longfin inshore squid) rhodopsin Antibody

Catalog Number: DZ42072

Description

Lot No.	26BZ203H21
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-rhodopsin 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	4.773	4.518	3.240
Antibody Status	Pass			

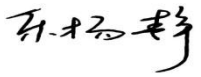
Data Evaluation Criteria

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