

Certificate of Analysis

Product Name: Polyclonal Anti-Wolbachia pipientis wTpre PifA Antibody

Catalog Number: DZ41517

Description

Lot No.	24DZ626-940B29
Size	200µl/vial
Form	Liquid
Concentration	500µg/ml
Ig type	Guinea 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	1µg/ml	1µg/ml	1µg/ml	1µg/ml
Working dilution of anti-wTpre PifA serum	1:1000	1:10000	1:100000	1:1000000
Working concentration of HRP conjugated Rabbit anti-Guinea IgG	0.2µg/ml	0.2µg/ml	0.2µg/ml	0.2µg/ml
O.D. values(450nm)	2.512	2.279	0.453	0.150
Antibody Status	Pass			

Data Evaluation Criteria

Coating concentration of antigen	1µg/ml	1µg/ml
Working dilution of the primary antibody serum	1:1000	1:1000
Working concentration of HRP conjugated Rabbit anti- Guinea 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: Feb 29, 2024