## BOSTER BIOLOGICAL TECHNOLOGY Co.,Ltd.

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## **Certificate of Analysis**

Product Name: Polyclonal Anti-Anopheles gambiae (African malaria mosquito) Spz1

**Antibody** 

Catalog Number: DZ41524

Description		
Lot No.	24DZ630-951B26	
Size	200µl/vial	
Form	Liquid	
Concentration	500µg/ml	
lg type	Rabbit IgG	
Purification	Immunogen affinity purified.	
Contents	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-Spz1 antibody	1µg/ml	0.1µg/ml	0.01µg/ml	0.001µg/ml	
Working concentration of HRP conjugated goat anti-rabbit	0.2µg/ml	0.2µg/ml	0.2µg/ml	0.2µg/ml	
IgG (Catalog # BA1054)					
O.D. values(450nm)	2.912	2.225	2.368	1.098	
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.

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## Approved by:

开杨莉

Ms. Yangjing Yue Chief technician Quality Control System of ELISA

Date: Feb 26, 2024