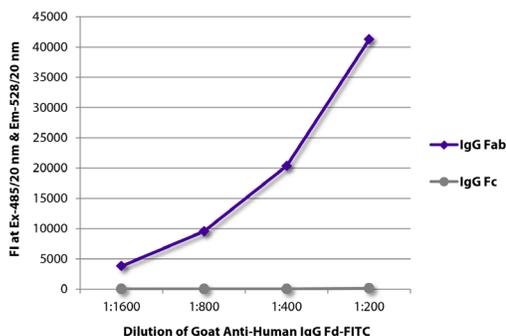




Goat Anti-Human IgG Fd

Cat. No.	Format	Size
2046-01	Purified (UNLB)	0.5 mg
2046-02	Fluorescein (FITC)	0.5 mg
2046-04	Alkaline Phosphatase (AP)	1.0 mL
2046-05	Horseradish Peroxidase (HRP)	1.0 mL
2046-08	Biotin (BIOT)	0.5 mg
2046-31	Alexa Fluor® 647 (AF647)	0.5 mg



FLISA plate was coated with purified human IgG Fab and IgG Fc. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fd-FITC (SB Cat. No. 2046-02).

Description

Specificity	Reacts with the Fd region of human IgG
Source	Pooled antisera from goats hyperimmunized with human IgG
Cross Adsorption	Human IgG Fc, IgM, and IgA; may react with IgG from other species
Purification	Affinity chromatography on human IgG covalently linked to agarose

Applications

Quality tested applications include –

- ELISA ¹
- FLISA

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:400
	AF647 conjugate	≤ 1 µg/mL

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

1. Fong RH, Banik SS, Mattia K, Barnes T, Tucker D, Liss N, et al. Exposure of epitope residues on the outer face of the chikungunya virus envelope trimer determines antibody neutralizing efficacy. *J Virol.* 2014;88:14364-79. (ELISA)

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