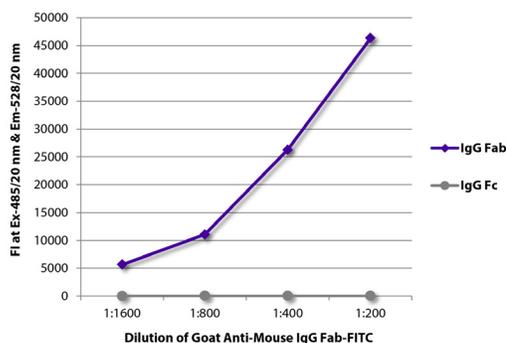




Goat Anti-Mouse IgG Fab

Cat. No.	Format	Size
1015-01	Purified (UNLB)	1.0 mg
1015-02	Fluorescein (FITC)	1.0 mg
1015-04	Alkaline Phosphatase (AP)	1.0 mL
1015-05	Horseradish Peroxidase (HRP)	1.0 mL
1015-08	Biotin (BIOT)	1.0 mg
1015-31	Alexa Fluor [®] 647 (AF647)	1.0 mg



FLISA plate was coated with purified mouse IgG Fab and IgG Fc. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG Fab-FITC (SB Cat. No. 1015-02).

Description

Specificity	Reacts with the Fab region of mouse IgG ₁ , IgG _{2a} , IgG _{2b} , IgG _{2c} , and IgG ₃
Source	Pooled antisera from goats hyperimmunized with mouse IgG
Cross Adsorption	Mouse IgG Fc; may react with immunoglobulins from other species and the light chains of other mouse immunoglobulins
Purification	Affinity chromatography on mouse IgG Fab covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹⁻⁴
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	1:100 – 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 1.0 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 1.0 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 1.0 mg in 2.0 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

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2. Alving CR, Beck Z, inventors; The Government of the United states of America as Represented by the Secretary of the Army, assignee. Non-toxic adjuvant formulation comprising a monophosphoryl lipid A (MPLA)-containing liposome composition and a saponin. United States patent application publication US 2017/0182152 A1. 2017 Jun 29. (ELISA)
3. Beck Z, Torres OB, Matyas GR, Lanar DE, Alving CR. Immune response to antigen adsorbed to aluminum hydroxide particles: Effects of co-adsorption of ALF or ALFQ adjuvant to the aluminum-antigen complex. *J Control Release*. 2018;275:12-19. (ELISA)
4. Lee J, Park E, Min J, Sung S, Jang Y, Shin JS, et al. Systematic editing of synthetic RIG-I ligands to produce effective antiviral and anti-tumor RNA immunotherapies. *Nucleic Acids Res*. 2018;46:1635-47. (ELISA)

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