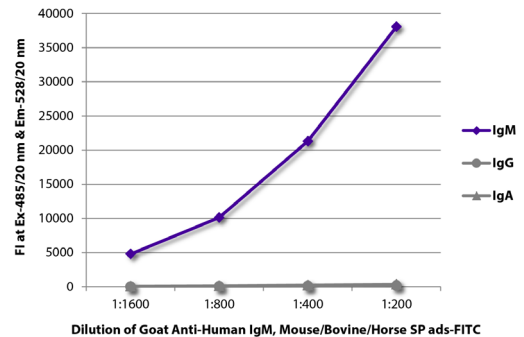




Goat Anti-Human IgM, Mouse/Bovine/Horse SP ads

Cat. No.	Format	Size
2023-01	Purified (UNLB)	1.0 mg
2023-02	Fluorescein (FITC)	1.0 mg
2023-04	Alkaline Phosphatase (AP)	1.0 mL
2023-05	Horseradish Peroxidase (HRP)	1.0 mL
2023-08	Biotin (BIOT)	1.0 mg
2023-31	Alexa Fluor® 647 (AF647)	1.0 mg



FLISA plate was coated with purified human IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgM, Mouse/Bovine/Horse SP ads-FITC (SB Cat. No. 2023-02).

Description

Specificity	Reacts with the heavy chain of human IgM
Source	Pooled antisera from goats hyperimmunized with human IgM
Cross Adsorption	Human IgG and IgA; mouse, bovine, and horse serum proteins (SP); may react with IgM from other species
Purification	Affinity chromatography on human IgM 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 – 1:10,000
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.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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

1. Magnani DM, Rogers TF, Beutler N, Ricciardi MJ, Bailey VK, Gonzalez-Nieto L, et al. Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. *Sci Transl Med.* 2017;9:eaan8184. (ELISA)
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3. Honjo K, Russell RM, Li R, Liu W, Stoltz R, Tabengwa EM, et al. with humoral immunodeficiency. *Cell Rep Med.* 2020;2:100164. (ELISA)
4. Zhang B, Huo J, Huang Y, Teo SY, Duan K, Li Y, et al. mRNA booster vaccination enhances antibody responses against SARS-CoV2 omicron variant in individuals primed with mRNA or inactivated virus vaccines. *Vaccines (Basel).* 2022;10:1057. (ELISA)

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