



## Goat Anti-Human IgG, Mouse/Bovine/Horse SP ads

Cat. No.	Format	Size
2045-01	Purified (UNLB)	1.0 mg
2045-02	Fluorescein (FITC)	1.0 mg
2045-04	Alkaline Phosphatase (AP)	1.0 mL
2045-05	Horseradish Peroxidase (HRP)	1.0 mL
2045-08	Biotin (BIOT)	1.0 mg
2045-30	Alexa Fluor® 488 (AF488)	1.0 mg



ELISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG, Mouse/Bovine/Horse AP ads-AP (SB Cat. No. 2045-04).

### Description

<b>Specificity</b>	Reacts with the heavy chain of human IgG
<b>Source</b>	Pooled antisera from goats hyperimmunized with human IgG
<b>Cross Adsorption</b>	Human IgM and IgA; mouse, bovine, and horse serum proteins (SP); may react with IgG from other species
<b>Purification</b>	Affinity chromatography on human IgG covalently linked to agarose

### Applications

Quality tested applications include –

- ELISA
- FLISA
- FC

### Working Dilutions

<b>ELISA</b>	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
<b>FLISA</b>	FITC and AF488 conjugates	1:200 – 1:400
<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<b>Other Applications</b>	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

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- 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® 488 (AF488) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. 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 MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> 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/NaN<sub>3</sub>. 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

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

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