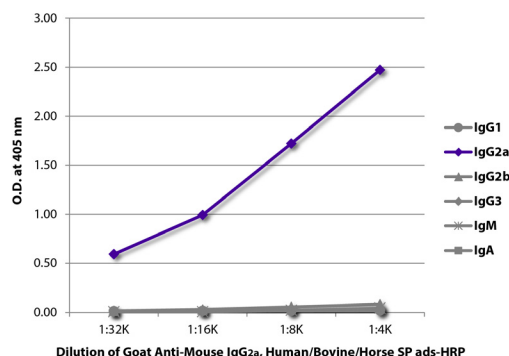


## Goat Anti-Mouse IgG<sub>2a</sub>, Human/Bovine/Horse SP ads

Cat. No.	Format	Size
1083-01	Purified (UNLB)	1.0 mg
1083-02	Fluorescein (FITC)	1.0 mg
1083-04	Alkaline Phosphatase (AP)	1.0 mL
1083-05	Horseradish Peroxidase (HRP)	1.0 mL
1083-08	Biotin (BIOT)	1.0 mg



ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2a</sub>, Human/Bovine/Horse SP ads-HRP (SB Cat. No. 1083-05).

### Description

<b>Specificity</b>	Reacts with the heavy chain of mouse IgG <sub>2a</sub>
<b>Source</b>	Pooled antisera from goats hyperimmunized with mouse IgG <sub>2a</sub>
<b>Cross Adsorption</b>	Mouse IgG <sub>1</sub> , IgG <sub>2b</sub> , IgG <sub>3</sub> , IgM, and IgA; human, bovine, and horse serum proteins (SP); may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on mouse IgG <sub>2a</sub> covalently linked to agarose

### Applications

Quality tested applications include –

ELISA  
FLISA

### 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 conjugate	1:100 – 1:400
<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) conjugate is 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.