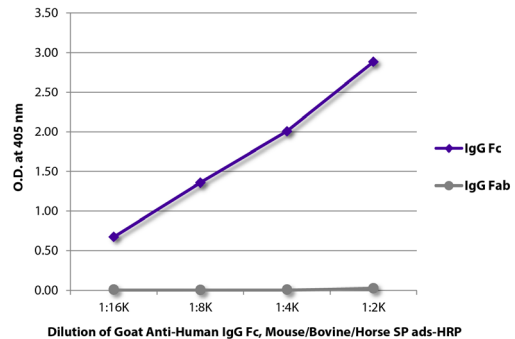




## Goat Anti-Human IgG Fc, Mouse/Bovine/Horse SP ads

Cat. No.	Format	Size
2081-01	Purified (UNLB)	0.5 mg
2081-04	Alkaline Phosphatase (AP)	1.0 mL
2081-05	Horseradish Peroxidase (HRP)	1.0 mL
2081-08	Biotin (BIOT)	0.5 mg
2081-30	Alexa Fluor® 488 (AF488)	0.5 mg
2081-31	Alexa Fluor® 647 (AF647)	0.5 mg



ELISA plate was coated with purified human IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fc, Mouse/Bovine/Horse SP ads-HRP (SB Cat. No. 2081-05).

### Description

<b>Specificity</b>	Reacts with the Fc region of human IgG
<b>Source</b>	Pooled antisera from goats hyperimmunized with human IgG
<b>Cross Adsorption</b>	Human IgG Fab, 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 Fc 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 – 1:10,000
<b>FLISA</b>	AF488 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.

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

## Handling and Storage

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- 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 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 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The Alexa Fluor<sup>®</sup> 488 (AF488) and Alexa Fluor<sup>®</sup> 647 (AF647) conjugates are supplied as 0.5 mg in 1.0 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.

Alexa Fluor<sup>®</sup> 488, 647, and 555 are provided under an Intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com).

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