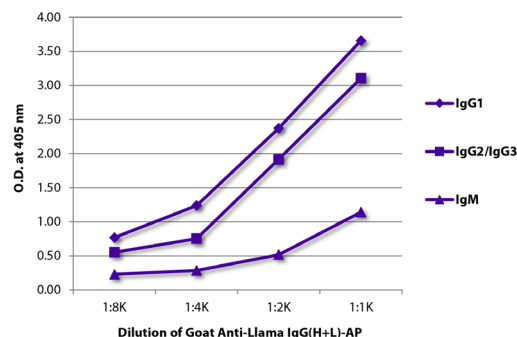




Goat Anti-Llama IgG(H+L)

Cat. No.	Format	Size
6045-01	Purified (UNLB)	1.0 mg
6045-02	Fluorescein (FITC)	1.0 mg
6045-04	Alkaline Phosphatase (AP)	1.0 mL
6045-05	Horseradish Peroxidase (HRP)	1.0 mL
6045-08	Biotin (BIOT)	1.0 mg
6045-30	Alexa Fluor® 488 (AF488)	1.0 mg
6045-31	Alexa Fluor® 647 (AF647)	1.0 mg



ELISA plate was coated with purified llama IgG₁, IgG₂/IgG₃, and IgM. Immunoglobulins were detected with Goat Anti-Llama IgG(H+L)-AP (SB Cat. No. 6045-04).

Description

Specificity	Reacts with the heavy chains of llama IgG ₁ , IgG ₂ , and IgG ₃ and the light chains of llama IgG ₁ and IgM
Source	Pooled antisera from goats hyperimmunized with llama IgG
Cross Adsorption	None; may react with immunoglobulins from other species and the light chains of other llama immunoglobulins
Purification	Affinity chromatography on llama IgG covalently linked to agarose

Applications

Quality tested applications include –

ELISA
FLISA

Note – Not recommended for the detection of VHH antibodies

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:2,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:10,000
FLISA	FITC and AF488 conjugates	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

- 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), Alexa Fluor® 488 (AF488), 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.

Alexa Fluor® 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.