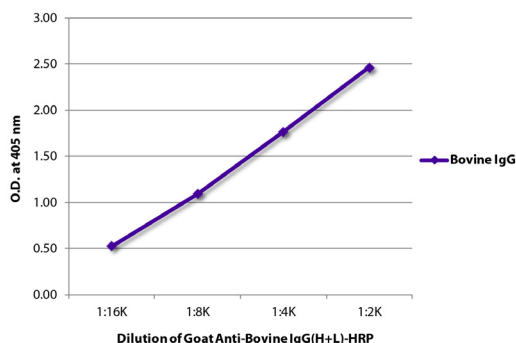




Goat Anti-Bovine IgG(H+L)

Cat. No.	Format	Size
6030-01	Purified (UNLB)	1.0 mg
6030-02	Fluorescein (FITC)	1.0 mg
6030-04	Alkaline Phosphatase (AP)	1.0 mL
6030-05	Horseradish Peroxidase (HRP)	1.0 mL
6030-08	Biotin (BIOT)	1.0 mg



ELISA plate was coated with purified bovine IgG. Immunoglobulin was detected with Goat Anti-Bovine IgG(H+L)-HRP (SB Cat. No. 6030-05).

Description

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

Applications

Quality tested applications include –

ELISA ¹⁻⁶
FLISA

Other referenced applications include –

FC ⁷
ICC ^{6,8}
IP ⁹
WB ^{2,10}
Purification ¹
SPR ¹¹

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:400

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) conjugate is 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.

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10. Odunuga OO, Shazhko A. Ammonium sulfate precipitation combined with liquid chromatography is sufficient for purification of bovine serum albumin that is suitable for most routine laboratory applications. *Bio Chem Comp*. 2013; 1:3 <http://dx.doi.org/10.7243/2052-9341-1-3>. (WB)
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