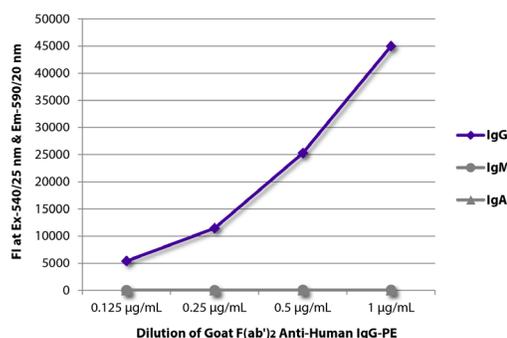




Goat F(ab')₂ Anti-Human IgG

Cat. No.	Format	Size
2042-01	Purified (UNLB)	0.5 mg
2042-02	Fluorescein (FITC)	0.5 mg
2042-04	Alkaline Phosphatase (AP)	1.0 mL
2042-05	Horseradish Peroxidase (HRP)	1.0 mL
2042-08	Biotin (BIOT)	0.5 mg
2042-09	R-phycoerythrin (PE)	0.25 mg
2042-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
2042-30	Alexa Fluor [®] 488 (AF488)	0.5 mg
2042-31	Alexa Fluor [®] 647 (AF647)	0.5 mg
2042-32	Alexa Fluor [®] 555 (AF555)	0.5 mg



FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')₂ Anti-Human IgG-PE (SB Cat. No. 2042-09).

Description

Specificity	Reacts with the heavy chain of human IgG
Source	Pepsin digest of Goat Anti-Human IgG (SB Cat. No. 2040)
Cross Adsorption	Human IgM and IgA; may react with IgG from other species

Applications

Quality tested applications include –

ELISA ^{1-4,6}
 FLISA
 FC ¹²⁻¹⁸

Other referenced applications include –

ELISPOT ⁵
 IHC-FS ⁷⁻⁹
 WB ^{10,11}
 Sep ¹⁹
 Stim ^{20,21}

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, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 ⁶ cells
	PE and AF647 conjugates	≤ 0.1 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
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 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 fluorescein (FITC), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.5 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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- 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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Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA **Mailing Address:** P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • **Fax:** 205.945.8768

Email: info@southernbiotech.com • **Website:** www.southernbiotech.com