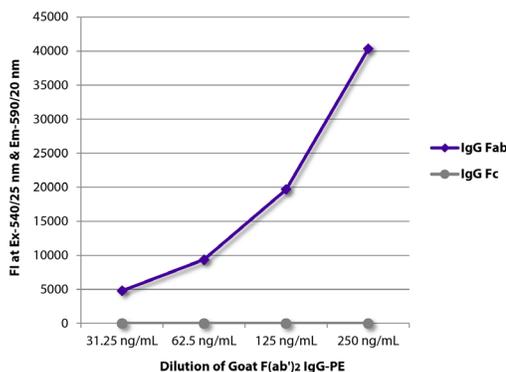




Goat F(ab')₂ IgG Isotype Control

Cat. No.	Format	Size
0110-01	Purified (UNLB)	5 mg
0110-02	Fluorescein (FITC)	100 tests
0110-08	Biotin (BIOT)	0.5 mg
0110-09	R-phycoerythrin (PE)	100 tests
0110-11	Allophycocyanin (APC)	100 tests
0110-13	Spectral Red® (SPRD)	100 tests
0110-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0110-15	Cyanine 5 (CY5)	100 tests



FLISA plate was coated with Rabbit Anti-Goat IgG Fab-UNLB (SB Cat. No. 6022-01) and Mouse Anti-Goat IgG Fc-UNLB (SB Cat. No. 6157-01). Serially diluted Goat F(ab')₂ IgG-PE (SB Cat. No. 0110-09) was captured and fluorescence intensity quantified.

Description

Isotype	Goat F(ab') ₂ IgG
Source	Pepsin digest of Goat IgG (SB Cat. No. 0109)

Applications

Quality tested applications include –

FC¹⁻³
ELISA
FLISA

Other referenced applications include –

ICC⁴

Working Dilutions

Flow Cytometry	BIOT conjugate	≤ 1 µg/10 ⁶ cells
	FITC, PE, APC, SPRD, and CY5 conjugates	10 µL/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.

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Handling and Storage

- The purified (UNLB) IgG is supplied as 5.0 mg of 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 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°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) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red[®] (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Cyanine 5 (CY5) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- 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.

References

1. Coccia MA, Brams P. High titer, prostate specific antigen-specific human IgG production by hu-PBL-SCID mice immunized with antigen-mouse IgG2a complex-pulsed autologous dendritic cells. *J Immunol.* 1998;161:5772-80. (FC)
2. Delaleu N, Immervoll H, Cornelius J, Jonsson R. Biomarker profiles in serum and saliva of experimental Sjögren's syndrome: associations with specific autoimmune manifestations. *Arthritis Res Ther.* 2008;10:R22. (FC)
3. Delaleu N, Madureira AC, Immervoll H, Jonsson R. Inhibition of experimental Sjögren's syndrome through immunization with HSP60 and its peptide amino acids 437-460. *Arthritis Rheum.* 2008;58:2318-28. (FC)
4. Montalvão F, Almeida GM, Silva EM, Borges VM, Vasconcelos R, Takiya CM, et al. Apoptotic lymphocytes treated with IgG from *Trypanosoma cruzi* infection increase TNF- α secretion and reduce parasite replication in macrophages. *Eur J Immunol.* 2010;40:417-25. (ICC)

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Spectral Red[®] is a PE/CY5 tandem conjugate.

Cy[™] is a trademark of Cytiva or one of its subsidiaries.