

## Goat IgG Isotype Control

Cat. No.	Form	Quantity
0109-01	Purified (UNLB) IgG	10 mg
0109-02	Fluorescein (FITC) Conjugate	100 tests
0109-03	Rhodamine (TRITC) Conjugate	100 tests
0109-08	Biotin (BIOT) Conjugate	0.5 mg
0109-09	R-phycoerythrin (PE) Conjugate	100 tests
0109-11	Allophycocyanin (APC) Conjugate	100 tests
0109-13	*Spectral Red™ (SPRD) Conjugate	100 tests
0109-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0109-17	**R-phycoerythrin-Cyanine 7 (PE-CY™7) Conjugate	100 tests

### DESCRIPTION

<b>Source</b>	Normal goat serum
<b>Ig Isotype</b>	Goat IgG
<b>Specificity</b>	N/A

### RESEARCH APPLICATIONS

- Flow cytometry
- Enzyme-Linked-Immunosorbent-Assay (ELISA)
- Fluorescent-Linked-Immunosorbent-Assay (FLISA)

### CHARACTERIZATION

To insure lot-to-lot consistency, each batch of product is tested by ELISA, FLISA, and/or flow cytometry for conformance to characteristics of a standard reference reagent.

### WORKING DILUTIONS

<b>Flow Cytometry:</b>	Purified IgG	≤1 µg/10 <sup>6</sup> cells
	Biotin conjugate	≤1 µg/10 <sup>6</sup> cells
	Fluorescein conjugate	10 µL/10 <sup>6</sup> cells
	R-phycoerythrin conjugate	10 µL/10 <sup>6</sup> cells
	Allophycocyanin conjugate	10 µL/10 <sup>6</sup> cells
	Spectral Red™ conjugate	10 µL/10 <sup>6</sup> cells
	R-phycoerythrin-Cyanine 7 conjugate	10 µL/10 <sup>6</sup> cells

**FLISA:** Rhodamine conjugate 1:100 – 1:400

**Other Applications:** Since applications vary, each investigator should determine the optimum working dilutions of the product that is appropriate for their specific needs.

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

## HANDLING AND STORAGE

- The purified (UNLB) IgG is supplied as 10.0 mg of purified immunoglobulin in 2.0 mL of 100 mM borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) and rhodamine (TRITC) conjugates are supplied as 100 tests in 1.0 mL PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The biotin (BIOT) conjugate is as 0.5 mg in 1.0 mL PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red™ (SPRD) and R-phycoerythrin-Cyanine 7 (PE-CY™7) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> 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. **Aliquot and store at or below -20°C.**
- With the exception of the low endotoxin, azide-free product, the vials should be stored at 2-8°C. Conjugated forms should **not** be frozen and should be protected from prolonged exposure to light. Aliquot and freeze the low endotoxin, azide-free product at -20°C immediately upon receipt. Each reagent is stable for the period shown on the bottle label if stored as directed.

## WARNING

Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

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