

Product Data Sheet

**Goat IgG (Fc) Isotype Control and Conjugates**

– <b>Cat#</b> 20011-1-Fc	Goat IgG (Fc), Unlabeled	<b>Size:</b> 0.5 mg
– <b>Cat#</b> 20011-Fc-B	Goat IgG (Fc)-Biotin Conjugate	<b>Size:</b> 100 ug
– <b>Cat#</b> 20011-Fc-F	Goat IgG (Fc)-FITC Conjugate	<b>Size:</b> 100 ug
– <b>Cat#</b> 20011-Fc-HP	Goat IgG (Fc)-HRP Conjugate	<b>Size:</b> 100 ug

Goat IgG (Fc) was purified by a combination of column chromatography (Sephadex, and DEAE-ion exchange columns) and immunoaffinity chromatography. The resulting preparation was judged to be >96% pure by immuno electrophoresis (IEP) and SDS-PAGE. It is supplied as unlabeled or coupled to biotin, HRP, FITC, etc.

**Cat# 20011-1-Fc, unlabeled**

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** or **liquid** form ( 1 mg/ml or see lot sp. conc on the vial). Reconstitute powder in PBS. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

**Cat# 20011-11-B, Biotin-conjugate**

Purified antibody was coupled to Biotin using Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) at F/P ratio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either lyophilized (0.1 mg) or liquid form (0.1 mg/0.1 ml or see lot sp. conc on the vial). Reconstitute powder in PBS in 0.1 ml to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:5,000-1:30,000 ELISA, 1:2K-1:10K for western.

**Cat# 20011-Fc-F, FITC-conjugate**

Purified antibody was coupled to FITC at F/P ratio ~5. The antibody is supplied (100 tests) in PBS, pH 7.4, 1% BSA (see lot sp concn on the vial) or in powder form. Reconstitute powder in PBS. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze/thaw.

Suggested conjugate dilutions are 1:20-1:500 for immunofluorescence. Or 1 test equivalent of antibody per million cells.

Absorption @495 nm Emission @528 nm

**Cat# 20011-11-HP, HRP-conjugate**

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in either lyophilized (0.5 ml) or liquid form (0.5-1 mg/ml or see lot sp. conc on the vial). Reconstitute powder in PBS in 1 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC).

**Related Material available for ADI**

Goat IgG, FC ELISA kits

Anti-Goat IgG secondary antibodies and conjugates

20011-Fc-Goat-IgG-Fc-isotype-controls  
150420A

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