

Product Data Sheet

Goat IgG isotype controls and conjugates

– #20011-1	Goat IgG, unlabeled, isotype control	Size: 1 mg
– # 20011-B	Goat IgG-Biotin conjugate, isotype control	Size: 100 ug
– # 20011-F	Goat IgG-FITC conjugate, isotype control	Size: 100 ug
– # 20011-HP	Goat IgG-HRP conjugate, isotype control	Size: 100 ug
– # 20011-PE	Goat IgG-PE conjugate, isotype control	Size: 100 tests

Highly purified preparation of Goat IgG is supplied as unlabeled, HRP-, Biotin, FITC, and PE, Cy5 conjugates for use as isotype control or negative control for all goat isotype.

Form and Storage

Cat# 20011, unlabeled IgG

IgG is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (100 ug) or **liquid** form (1 mg/ml or see lot sp. concn on the vial). Reconstitute powder in PBS at 100 ug/ml or as desired. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw. Controls are typically tested at 0.1-1 ug/ml depending upon the application.

Cat# 20011-B, Biotin-conjugate

Purified Goat IgG was coupled to Biotin using ADI Biotinylation kit # 80300 at F/P Goatio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 1 % BSA in either **lyophilized** (50 tests per vial) or **liquid** form (50 tests/100 ul or see lot sp. conc on the vial). Reconstitute powder in PBS in 100 ul or more. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw. No preservatives have been added. Sodium azide (0.1%) or merthiolate (0.05%) can be added if necessary to prevent bacterial growth.

Suggested conjugate dilutions are 1:5,000-1:30,000 ELISA. For other applications use as needed.

Cat# 20011-F, FITC-conjugate

Purified Goat IgG was coupled to FITC at F/P Goatio ~4-5:1. The antibody is supplied in PBS, pH 7.4, azide in either **lyophilized** (50 tests per vial) or **liquid** form (50 tests/500 ul or ~50 ug/vial). Reconstitute powder in PBS in 0.5 ml or as desired. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:50-1:500 for immunofluorescence or as optimized for a given tests.

Color: Green

Absorption: 495 nm **Emission:** 528 nm

Cat# 20011-HP, HRP-conjugate

Purified Goat IgG was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) Goatio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in either **lyophilized** or **liquid** form (lot sp concn on the vial). Reconstitute powder in PBS in 0.1 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).

Cat# 20011-PE, R-phycoerythrin (R-PE) conjugate

Purified Goat IgG was coupled to R-PE and supplied in PBS, pH 7.4, azide in either **lyophilized** (50 tests per vial) or **liquid** form (50 tests/500 ul or see lot sp. conc on the vial). Reconstitute powder in PBS in 500 ul water or as desired. Store at -4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 10 ul/test or 1 x 10⁶ cell for Flow cytometry or as optimized for a given tests.

Color: Red

Absorption: 488 nm **Emission:** 575 nm

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Goat IgG (IgG-3), IgA, IgG, and IgE ELISA kits

Anti-Goat IgG, IgM Antibodies and conjugates.

20011-con-Goat-IgG-isotype-controls

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