



Product Data Sheet

**Bovine IgG Fc isotype controls and conjugates**

<input type="checkbox"/> #20001-2-UL	Bovine IgG Fc, unlabeled, isotype control	<b>Size:</b> 0.1 mg
<input type="checkbox"/> # 20001-2-B	Bovine IgG Fc-Biotin conjugate, isotype control	<b>Size:</b> 0.1 mg
<input type="checkbox"/> # 20001-2-F	Bovine IgG Fc-FITC conjugate, isotype control	<b>Size:</b> 0.1 mg
<input type="checkbox"/> # 20001-2-HP	Bovine IgG Fc-HRP conjugate, isotype control	<b>Size:</b> 0.1 mg

Bovine IgG Fc fragment was prepared from highly purified whole IgG. Purified IgG Fc produced no precipitin arc against rabbit anti-whole IgG or F(ab')<sub>2</sub>. Highly purified preparation of Bovine IgG Fc is supplied as unlabeled, HRP-, Biotin, FITC, and PE, Cy5 conjugates for use as isotype control or negative control for all mice monoclonal with IgG isotype.

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

**Form and Storage**

**Cat# 20001-2, 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# 20001-2-B, Biotin-conjugate**

Purified Bovine IgG Fc was coupled to Biotin using ADI Biotinylation kit # 80300 at F/P ratio ~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# 20001-2-F, FITC-conjugate**

Purified Bovine IgG Fc was coupled to FITC at F/P ratio ~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# 20001-2-HP, HRP-conjugate**

Purified Bovine IgG Fc 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% proclin-300 as preservative in either **lyophilized** (50 tests per vial) or **liquid** form (50 tests/100 ul or approx. 50 ug/100ul). Reconstitute powder in PBS in 0.1 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

**Bovine IgG Fc (IgG-3), IgA, IgG, and IgE ELISA kits**

Catalog#	ProdDescription
20001-1	Bovine Serum Control IgG (non-immune) purified
20001-1-B	Bovine IgG-Biotin conjugate (non-immune, isotype control)
20001-1-F	Bovine IgG-FITC conjugate (non-immune, isotype control)
20001-1-HP	Bovine IgG-HRP conjugate (non-immune, isotype control)
20001-2-1	Bovine IgM, purified (non-immune, serum)
20001-2-1-B	Bovine IgM-Biotin Conjugate (control, non-immune), purified
20001-2-B	Bovine IgG Fc-Biotin conjugate (non-immune, isotype control)
20001-2-F	Bovine IgG Fc-FITC conjugate (non-immune, isotype control)
20001-2-HP	Bovine IgG Fc-HRP conjugate (non-immune, isotype control)
20001-2-UL	Bovine IgG Fc, unlabeled (non-immune, isotype control)
20001-3-1	Bovine IgA (non-immune, serum), purified
20001-3-B	Bovine IgG Fab-Biotin conjugate (non-immune, isotype control)
20001-3-F	Bovine IgG Fab-FITC conjugate (non-immune, isotype control)
20001-3-HP	Bovine IgG Fab-HRP conjugate (non-immune, isotype control)
20001-3-UL	Bovine IgG Fab, unlabeled (non-immune, isotype control)
20001-4-B	Bovine IgG Fab2-Biotin conjugate (non-immune, isotype control)
20001-4-F	Bovine IgG Fab2-FITC conjugate (non-immune, isotype control)
20001-4-HP	Bovine IgG Fab2-HRP conjugate (non-immune, isotype control)
20001-4-UL	Bovine IgG Fab2, unlabeled (non-immune, isotype control)
20001-G1	Bovine IgG1 (Serum Control, non-immune) purified
20001-G1-B	Bovine IgG1-biotin conjugate (Serum Control, non-immune)
20001-G1-HRP	Bovine IgG1-HRP conjugate (Serum Control, non-immune)
20001-G2-B	Bovine IgG2-biotin conjugate (Serum Control, non-immune)
20001-G2-HRP	Bovine IgG2-HRP conjugate (Serum Control, non-immune)
20001-G2	Bovine IgG2 (Serum Control, non-immune) purified
80519	Anti-Bovine IgG (H+L), unlabeled
80520	Anti-Bovine IgG (H+L)-HRP conjugate
80530	Anti-Bovine IgG (H+L)-FITC conjugate
80540	Anti-Bovine IgG (H+L)-Biotin conjugate
80545-HP	Anti-Bovine IgG (H+L) aff pure (adsorbed)
80545-UL	Anti-Bovine IgG (H+L) aff pure (adsorbed)
80619	Anti-Bovine IgG (Fc), unlabeled
80620	Anti-Bovine IgG (Fc)-HRP conjugate
80630	Anti-Bovine IgG (Fc)-FITC conjugate
80640	Anti-Bovine IgG (Fc)-Biotin conjugate
80650-B	Anti-Bovine IgA-Biotin Conjugate
80650-F	Anti-Bovine IgA-FITC Conjugate
80650-HP	Anti-Bovine IgA-HRP Conjugate
80650-UL	Anti-Bovine IgA, unlabeled
80651-B	Anti-Bovine IgG1-Biotin Conjugate
80651-F	Anti-Bovine IgG1-FITC Conjugate
80651-HP	Anti-Bovine IgG1-HRP Conjugate
80651-UL	Anti-Bovine IgG1, unlabeled
80652-B	Anti-Bovine IgG2-Biotin Conjugate
80652-F	Anti-Bovine IgG2-FITC Conjugate
80652-HP	Anti-Bovine IgG2-HRP Conjugate
80652-UL	Anti-Bovine IgG2, unlabeled
8000	Bovine Albumin (BSA) ELISA Kit, 96 tests, Quantitative
8010	Bovine IgG ELISA Kit, 96 tests, Quantitative

20001-2-con 140724A