



Product Data Sheet

**Mouse IgG Fab isotype controls and conjugates**

<input type="checkbox"/> #20008-1-Fab	Mouse IgG Fab, unlabeled, isotype control	<b>Size:</b> 1 mg
<input type="checkbox"/> # 20008-Fab-B	Mouse IgG Fab-Biotin conjugate, isotype control	<b>Size:</b> 100 ug
<input type="checkbox"/> # 20008-Fab-F	Mouse IgG Fab-FITC conjugate, isotype control	<b>Size:</b> 100 ug
<input type="checkbox"/> # 20008-Fab-HP	Mouse IgG Fab-HRP conjugate, isotype control	<b>Size:</b> 100 ug

**Description**

A healthy non-immunized population of normal Mouse was used to collect serum. This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum, anti-Mouse IgG and anti-Mouse IgG F(ab')<sub>2</sub>. No reaction was observed against anti-Mouse IgG F(c) or anti- Papain.

Highly purified preparation of Mouse IgG Fab 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.

**Form and Storage**

**Cat# 20008-1-Fab, unlabeled IgG**

IgG is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** or **liquid** form (1 mg/ml or see lot sp. concn on the vial). Reconstitute powder in PBS 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# 20008-Fab-B, Biotin-conjugate**

Purified Mouse IgG Fab was coupled to Biotin using ADI Biotinylation kit # 80300 at F/P Mouseio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 1 % BSA in either **lyophilized** or **liquid** form (see lot sp. concn on the vial). Reconstitute powder in PBS to prepare stock solutions. 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# 20008-Fab-F, FITC-conjugate**

Purified Mouse IgG Fab was coupled to FITC at F/P ratio ~4-5:1. The antibody is supplied in PBS, pH 7.4, azide in either **lyophilized** or **liquid** form (see see lot sp. concn on the vial). Reconstitute powder in PBS 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# 20008-Fab-HP, HRP-conjugate**

Purified Mouse IgG Fab 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.

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

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**Mouse IgG Fab (IgG-3), IgA, IgG, and IgE ELISA kits**

20008-Fab-con      110112A