ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Anti-Goat IgG (Fc) antibodies and conjugates

Cat# 30319	Rabbit Anti-Goat IgG (Fc), unlabeled	**Size**: 1 mg	**Form**:	Liquid	Powder
Cat# 30320	Rabbit Anti-Goat IgG (Fc)-HRP conjugate	**Size**: 1 ml	**Form**:	Liquid	Powder
Cat# 30338	Rabbit Anti-Goat IgG (Fc)-TRITC conjugate	**Size**: 0.5 ml	**Form**:	Liquid	Powder
Cat# 30339	Rabbit Anti-Goat IgG (Fc)-FITC conjugate	**Size**: 0.5 ml	**Form**:	Liquid	Powder
Cat# 30340	Rabbit Anti-Goat IgG (Fc)-Biotin conjugate	**Size**: 0.5 ml	**Form**:	Liquid	Powder

Description

Rabbits were immunized with antigen grade Goat IgG (Fc)-fragment. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography. Purified anti-Goat IgG (Fc) antibody is supplied as unlabeled or conjugated to Biotin, FITC, or HRP.

Specificity of antibodies has been tested using IEP, immunodiffusion, and ELISA. The antibodies yielded a single precipitin arc against rabbit serum, rabbit IgG, and Fc-fragment. No antibody reactivity is detected to other rabbit serum proteins, IgM, IgA or F(ab)2. Anti-rabbit IgG (Fc) may crossreact with Fc-fragment from other species.

Form and Storage

Cat# 30319, Anti-Goat IgG (Fc), unlabeled

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (1.0 mg) or **liquid** form (1 mg/ml). Reconstitute powder in PBS in 1.0 ml to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Cat# 30320, Anti-Goat IgG (Fc)-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** or **liquid** form (0.5-1 mg/ml). 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).

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Cat# 30339, Anti-Goat IgG (Fc)-FITC-conjugate

Purified anti-Goat IgG (Fc) antibody was coupled to FITC at F/P ratio ~3:7. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** (0.5 ml) or **liquid** form (0.5 mg/0.5 ml). Reconstitute powder in PBS in 0.5 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 1:200-1:2000 for immunofluorescence.
Absorption Wavelength: 495 nm
Emission Wavelength: 528 nm

 # 30339, Anti-Goat IgG (Fc)-TRITC (Rhodamine) conjugate

Purified anti-Goat IgG (Fc) antibody was coupled to TRITC at F/P ratio ~3:7. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** (0.5 ml) or **liquid** form (0.5 mg/0.5 ml). Reconstitute powder in PBS in 0.5 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 1:200-1:2000 for immunofluorescence.
Absorption Wavelength: 550 nm
Emission Wavelength: 570 nm

Cat# 30340, Anti-Goat IgG (Fc)-Biotin-conjugate

Purified anti-Goat IgG (Fc) 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** (0.5 mg) or **liquid** form (0.5 mg/0.5 ml). Reconstitute powder in PBS in 0.5 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.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. Working solution should be prepared immediately before use and diluted solution should be discarded.

Related Material available for ADI

Goat IgG, IgM, IgA ELISA kits, anti-goat ELISA kits

Anti-Goat IgG (Fc), IgG, IgG (H+L), IgG (H+L) antibodies and conjugates

30319, 30320, 30338, 30339, 30340, 70225A

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