

Product Data Sheet

Anti-Goat IgG (H+L) Antibodies and conjugates		
Cat# 30219-200	Donkey Anti-Goat IgG, unlabeled Form: Liquid; Powder	Size: 200 ug/0.5 ml
Cat# 30220-210	Donkey Anti-Goat IgG -HRP conjugate Form: Liquid; Powder	Size: 200 ug/0.5 ml
Cat# 30221-200	Donkey Anti-Goat IgG-FITC conjugate Form: Liquid; Powder	Size: 200 ug/0.5 ml
Cat# 30222-200	Donkey Anti-Goat IgG-Rhodamine (TR) conjugate Form: Liquid; Powder	Size: 200 ug/0.5 ml
Cat# 30240-200	Donkey Anti-Goat IgG-Biotin conjugate Form: Liquid; Powder	Size: 200 ug/0.5 ml

Description

Donkeys were immunized with antigen grade **Goat IgG (H+L)**. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography to remove non-specific antibodies. Specificity of antibody has been tested using IEP, immunodiffusion, and ELISA. The product reacts with Goat IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody may recognize other species IgG (H+L or IgA, IgG, IgM etc)). Purified anti-Goat IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP or Rhodamine.

Form and Storage

Cat# 30219-200, Anti-Goat IgG (H+L), unlabeled

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (200 ug) or **liquid** form (200 ug/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 0.2 mg/ml solution. Store at -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Cat# 30220-210, Anti-Goat IgG (H+L)-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% proclin-300 as preservative in either **lyophilized** (0.5 ml) or **liquid** form (200 ug mg/0.5 ml). Reconstitute powder in PBS in 0.5 ml. Store at 4°C 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# 30221-200, Anti-Goat IgG (H+L)-FITC-conjugate

Purified anti-Goat IgG (H+L) 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** (200 ug) or **liquid** form (200 ug/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 1 mg/ml solution. Store at -20°C 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

Cat# 30222-200, Anti-Goat IgG (H+L)-Rhodamine (TRITC)-conjugate

Purified anti-Goat IgG (H+L) antibody was coupled to Tetramethylrhodamine isothiocyanate (Rhodamine or TRITC) TRITC at F/P ratio ~2:1. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** or **liquid** form (200 ug/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 1 mg/ml solution. Store at -20°C 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# 30240-200, Anti-Goat IgG (H+L)-Biotin-conjugate

Purified anti-Goat IgG (H+L) 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** (200 ug) or **liquid** form (200 ug/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 1 mg/ml solution. Store at -20°C 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.

This product is for in vitro research use only.

MSDS: This product is considered non-hazardous as defined by OSHA (CFR 1910.1200, Nov 25, 1983). It can be disposed of in the drain.

Related Material available for ADI

Goat IgG, IgM ELISA kits
ELISA kits for the detection of Goat Antibodies
Western blot recycling kit (Strip Antibodies in 5 minutes (no heating or mercaptoethanol)
30219-20-21-22-40-200 80516A

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