ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Anti-Goat IgG (H+L) Antibodies and conjugates

Cat# 30227-200	Rabbit Anti-Goat IgG (H+L)-FITC conjugate **Form**: Liquid; Powder	**Size**: 200 ug/0.5 ml
Cat# 30228-200	Rabbit Anti-Goat IgG (H+L)-Rhodamine (TRITC) conjugate **Form**: Liquid; Powder	**Size**: 200 ug/0.5 ml

Description

Rabbits 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# 30227-200, 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 -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

Cat# 30228-200, Anti-Goat IgG (H+L)-Rhodamine (TRITC)-conjugate

Purified anti-Goat IgG (H+L) antibody was coupled to Tetramethylrhodamine isothiocyanante (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** (0.5 ml) or **liquid** form (200 ug/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 200 ugl0.5 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

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)

30227-28-200 80626A

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