

Product Data Sheet

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

<b>Cat#</b> 20319	Goat Anti-Rabbit IgG (H+L), unlabeled	<b>Size:</b> 1 mg	<b>Form:</b> Liquid; Powder
<b>Cat#</b> 20320	Goat Anti-Rabbit IgG (H+L)-HRP conjugate	<b>Size:</b> 1 ml	<b>Form:</b> Liquid; Powder
<b>Cat#</b> 20330	Goat Anti-Rabbit IgG (H+L)-FITC conjugate	<b>Size:</b> 1 ml	<b>Form:</b> Liquid; Powder
<b>Cat#</b> 20340	Goat Anti-Rabbit IgG (H+L)-Biotin conjugate	<b>Size:</b> 1 ml	<b>Form:</b> Liquid; Powder
<b>Cat#</b> 20350	Goat Anti-Rabbit IgG (H+L)-Alk. Phos. conjugate	<b>Size:</b> 0.5 ml	<b>Form:</b> Liquid; Powder

**Description**

Goats were immunized with antigen grade **Rabbit 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 Rabbit 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-Rabbit IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

**Form and Storage**

**Cat# 20319, Anti-Rabbit IgG (H+L), 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# 20320, Anti-Rabbit 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% prolcin-300 as preservative in either **lyophilized** (1 ml) 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).

**Cat# 20330, Anti-Rabbit IgG (H+L)-FITC-conjugate**

Purified anti-Rabbit 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** (1 ml) or **liquid** form (1 ml at 0.5 mg/0.5 ml). Reconstitute powder in PBS in 1 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# 20340, Anti-Rabbit IgG (H+L)-Biotin-conjugate**

Purified anti-Rabbit 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** (0.5 mg) or **liquid** form (1 ml at 0.5 mg/0.5 ml). Reconstitute powder in PBS in 1.0 ml to prepare 0.5 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.

**Cat# 20350-AP, AP-conjugate**

The conjugate is provided at ~0.5-1 mg/ml as liquid in a stabilizing buffer (50 mM Tris-150 mM NaCl-1 mM MgCl<sub>2</sub>, pH 7.5, containing 1% bovine serum albumin, 0.05% sodium azide and 50% glycerol). The product should be **stored at 4°C** and is stable for a minimum of 1 year. Do not store diluted solutions.

**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**

**Rabbit IgG, IgM ELISA kits**

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

ELISA kits for the detection of Rabbit Antibodies

**Western blot recycling kit** (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

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