

Product Data Sheet

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

Cat# 60319	Goat Anti-Chicken IgG (H+L), unlabeled	Size: 1 mg	Form: Liquid; Powder
Cat# 60320	Goat Anti-Chicken IgG (H+L)-HRP conjugate	Size: 1 ml	Form: Liquid; Powder
Cat# 60340	Goat Anti-Chicken IgG (H+L)-Biotin conjugate	Size: 0.5 ml	Form: Liquid; Powder
Cat# 60350	Goat Anti-Chicken IgG (H+L)-AP conjugate	Size: 0.5 ml	Form: Liquid; Powder
Cat# 60360	Goat Anti-Chicken IgG (H+L)-FITC conjugate	Size: 0.5 ml	Form: Liquid; Powder

Description

Goats were immunized with antigen grade **Chicken 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 Chicken IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody may recognize other species IgG, particularly Ig's from other birds such as Turkey. The antibodies react with serum and egg yolk Ig's (IgG or IgY). Purified anti-Chicken IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 60319, Anti-Chicken 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# 60320, Anti-Chicken 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** (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# 60340, Anti-Chicken IgG (H+L)-Biotin-conjugate

Purified anti-Chicken 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 (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.

Cat# 60350, AP-conjugate

The conjugate is provided at ~0.5 mg/ml as liquid in a stabilizing buffer (50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl₂, 0.1 mM ZnCl₂, pH 7.5, containing 0.2% bovine serum albumin, 0.05% sodium azide). The product should be **stored at 4°C** and is stable for a minimum of 1 year. Do not store diluted solutions.

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

Cat# 60360, Anti-Chicken IgG (H+L)-FITC-conjugate

Purified anti-Chicken 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** (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

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

Chicken IgG, IgM ELISA kits

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

ELISA kits for the detection of Rat 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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