



Product Data Sheet

Anti-Bird (duck, sparrow, dove, and chicken; turkey, ostrich, emu, quail, macaw and cockatiel) IgG (H+L) Antibodies

Cat# 90519	Goat Anti-Bird IgG (H+L), unlabeled	Size: 0.5 mg	Form: Liquid; Powder
Cat# 90520	Goat Anti-Bird IgG (H+L)-HRP conjugate	Size: 0.5 ml	Form: Liquid; Powder
Cat# 90530	Goat Anti-Bird IgG (H+L)-FITC conjugate	Size: 0.5 ml	Form: Liquid; Powder
Cat# 90540	Goat Anti-Bird IgG (H+L)-Biotin conjugate	Size: 0.5 ml	Form: Liquid; Powder

Description

Goats were immunized with antigen grade **Bird IgG's (dove, duck, sparrow, and chicken)**. 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 Birds Ig's from several species (duck, sparrow, dove, and chicken; turkey, ostrich, emu, quail, macaw and cockatiel Ig's also displayed significant reactivity). No significant reactivity was observed with other serum proteins. The antibody may recognize other species IgG (H+L or IgA, IgG, IgM etc)). Purified anti-Bird IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, or HRP.

Suggested conjugate dilutions are 1:200-1:2000 for immunofluorescence.

Absorption Wavelength: 495 nm

Emission Wavelength: 528 nm

Cat# 90540, Anti-Bird IgG (H+L)-Biotin-conjugate

Purified antibody was coupled to Biotin using ADI Biotinylation kit # 80300 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.

Form and Storage

Suggested conjugate dilutions are 1:5,000-1:30,000 ELISA, 1:2K-1:10K for western.

Cat# 90519, Anti-Bird IgG (H+L), unlabeled

Recommended Working Dilution for ELISA

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (0.5 mg) or **liquid** form (0.5 mg/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.

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.

Cat# 90520, Anti-Bird IgG (H+L)-HRP-conjugate

Related Material available for ADI

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 (0.5 ml; 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.

Bird IgG, IgM ELISA kits

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

ELISA kits for the detection of Bird Antibodies

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

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

Cat# 90530, Anti-Bird IgG (H+L)-FITC-conjugate

Purified anti-Bird 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.

90519, 90520, 90530, 90540

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