



Chickens make *better* antibodies.

Product Data Sheet

Catalog Number: B-1005

Description: Biotin-Labeled Goat anti-Chicken IgY (heavy and light chains) (affinity-purified).

Volume: 500 μ L

Concentration: 1.0 mg / mL (based on absorbance at 280 nm)

Physical State: Liquid

Buffer: Sodium phosphate (10 mM, pH 7.2) buffered isotonic saline (0.9%, w/v), sodium azide (0.02%, w/v) (as an anti-microbial).

Production Notes: Goats were immunized with purified chicken IgY (whole protein) emulsified in Freund's adjuvant. After multiple injections, goats were bled and serum collected. Antibodies were isolated using affinity chromatography and conjugated to biotin via a 6-carbon spacer.

Quality Control: Antibodies were analyzed using immunoelectrophoresis and a sandwich ELISA using HRP-labeled streptavidin. In this latter test, a 1:500,000 dilution was found to generate an O.D of 1.0 in a 30 minute reaction with tetramethylbenzidine as the substrate.

Storage: **Store at 4°C in the dark.** Under these conditions, the antibodies should have a shelf life of at least 12 months (provided they remain sterile). For longer storage periods, dilute the antibodies with sterile glycerol and store at -20°C. Do not freeze these antibodies unless you want to store them for longer periods of time.

Recommended Dilutions:

*Aves Labs products are intended for use as research laboratory reagents.
They are not intended for use as diagnostic or therapeutic reagents in humans.*