



*Specializing in custom-made chicken antibodies against "difficult" antigens.*

## **PRODUCT SPECIFICATIONS**

<b>Product Description:</b>	<b>Biotin-Labeled Goat anti-Chicken IgY (heavy and light chains) (affinity-purified)</b>
<b>Catalog Number:</b>	B-1005
<b>Antibody Concentration:</b>	1.0 mg / ml (based on absorbance at 280 nm)
<b>Volume:</b>	500 $\mu$ l
<b>Physical State:</b>	Liquid
<b>Buffer:</b>	Sodium phosphate (10 mM, pH 7.2) buffered isotonic saline (0.9%, w/v), sodium azide (0.02%, w/v) (as an anti-microbial).
<b>Production:</b>	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.
<b>Quality Control:</b>	Antibodies were analyzed using immunoelectro-phoresis 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.
<b>Recommended Storage Conditions:</b>	<b>Store at 4°C in the dark.</b> 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.

**Note:** These antibodies are meant to be used as research laboratory reagents and are not for diagnostic purposes or for therapeutic usage in humans.