



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

## PRODUCT SPECIFICATIONS

<b>Product Description:</b>	<b>Horseradish Peroxidase-Labeled Chicken anti-Human IgG (heavy and light chains) (affinity-purified)</b>
<b>Catalog Number:</b>	IHH-1010
<b>Antibody Concentration:</b>	1.0 mg / ml (based on absorbance at 280 nm)
<b>Volume:</b>	1.0 ml
<b>Physical State:</b>	Liquid
<b>Buffer:</b>	HEPES (50 mM, pH 7.0), NaCl (0.1 M), bovine serum albumin (0.2%, w/v), thimerosal (0.01%, w/v) (as an anti-microbial agent).
<b>Production:</b>	Chickens were immunized with purified, non-denatured human IgG (containing both heavy and light chains). Eggs were collected from hyperimmunized hens and the IgY fraction purified from the yolks. Anti-human IgG's were affinity-purified over a column conjugated with purified human IgG (containing both heavy and light chains) and then conjugated with horseradish peroxidase.
<b>Quality Control:</b>	Antibodies were tested for specificity using double-immunodiffusion in agarose gels and ELISA analysis. In the latter, a 1:300,000 dilution gave an O.D. of 1.0 in a 15 minute reaction using tetramethylbenzidine as substrate.
<b>Cross-reactivity:</b>	There is no detectable cross-reactivity with rabbit, goat or mouse IgG.
<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.