



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

PRODUCT SPECIFICATIONS

Product Description:	Horseradish Peroxidase-Labeled anti-HA (hemagglutinin) Epitope Antibody
Catalog Number:	ET-HA100HRP
Antibody Concentration:	0.1 mg / ml (based on absorbance at 280 nm)
Volume:	1.0 ml
Physical State:	Liquid
Buffer:	HEPES (50 mM, pH 7.0), sodium chloride (0.1M), bovine serum albumin (0.2%, w/v), thimerosal (0.01%, w/v) (as an anti-microbial agent).
Production:	Chickens were immunized with a synthetic peptide containing the influenza hemagglutinin epitope (YPYDVPDYA) conjugated to keyhole limpet hemocyanin. After repeated injections, immune eggs were collected, from which the IgY fractions were prepared. These fractions were then affinity-purified using a peptide column, coupled to HRP, and filter-sterilized (0.45 μ m).
Quality Control:	Antibodies were analyzed using ELISA and western blot analyses. By ELISA, the antibodies were diluted 1:10,000 and gave an optical density of >1.0 in a 15 minute reaction using tetramethyl benzidine as the substrate against peptide conjugated to a different carrier protein. By western blot, the antibodies were diluted 1:1,000 and gave a prominent band.
Recommended Storage Conditions:	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.

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