



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

## **PRODUCT SPECIFICATIONS**

- Product Description:** Chicken anti-HA Epitope Antibody (affinity-purified)
- Catalog Number:** ET-HA100
- Antibody Concentration:** 100 µg / ml (based on absorbance at 280 nm)
- Volume:** 1.0 ml
- Physical State:** Liquid
- Buffer:** Phosphate-buffered saline (PBS) (pH 7.2), sodium azide (0.02%, w/v) (as an anti-microbial agent).
- Production:** Chickens were immunized with a synthetic peptide containing the influenza hemagglutinin (HA) epitope (i.e., YPYDVPDYA) conjugated to keyhole limpet hemocyanin. The first injection included complete Freund's adjuvant; subsequent injections included incomplete Freund's adjuvant. Eggs were collected after the fourth injection, and antibodies were purified from the yolks using a proprietary method that yields a purity of >90%. Antibodies were affinity-purified over a peptide column and then dialyzed against phosphate-buffered isotonic saline. Sodium azide was added and the antibodies were filter-sterilized (0.2 µm).
- Quality Control:** Antibodies were analyzed using ELISA and western blots using an N-terminal HA-tagged protein. Secondary antibodies used in these quality control assays were alkaline phosphatase- (1:1000 dilution) and HRP-labeled (1:3000 dilution) goat anti-chicken IgY antibodies (Aves Labs), respectively.
- 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.