



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

## **PRODUCT SPECIFICATIONS**

- Product Description:** **HA- PrecipHen™ [Agarose-coupled Chicken Anti-HA] (Hemagglutinin Epitope Tag Antibody) (affinity-purified)**
- Catalog Number:** PHA-1010
- Volume:** 2.0 ml bed volume in a total of 4.0 ml
- Binding Capacity:** 1.2 mg of HA-tagged ovalbumin per ml bed volume
- Physical state:** Agarose beads in buffer
- Buffer:** HEPES (50 mM, pH 7.6), EDTA (5 mM), sodium azide (0.02%, w/v) (as an anti-microbial agent).
- Production:** Immune sera was collected from goats that were hyper-immunized with keyhole limpet hemocyanin (KLH) coupled with a synthetic peptide containing the HA epitope tag (YPYDVPDYA). Chicken IgY antibodies were purified from egg yolks, and then affinity purified using the conate peptide coupled to agarose. After exhaustive washes with sodium phosphate-buffered (10 mM, pH 7.2) isotonic saline (“PBS”), the IgY-coupled agarose beads were suspended in PBS with sodium azide (0.02%, w/v).
- Quality control:** The capacity of PrecipHen® was determined by measuring how much HA-tagged ovalbumin bound to 1.0 ml bed volume of agarose. After overloading the gel, the agarose was washed, and the HA-ovalbumin was eluted. To meet quality control standards, the capacity of the HA-PrecipHen needs to be at least 1.0 mg of HA-ovalbumin.
- Recommended Storage Conditions:** **Store at 4°C in the dark.** Under these conditions, HA-PrecipHen® has a shelf life of at least 12 months (provided it remains sterile).

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