



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

## **PRODUCT SPECIFICATIONS**

- Product Description:** **PRECIPHEN™ (Agarose-coupled Goat anti-Chicken IgY (affinity-purified))**
- Catalog Number:** P-1010
- Volume:** 2.0 ml bed volume
- Binding Capacity:** 1.0 mg of chicken IgY 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 purified chicken IgY. Goat anti-chicken IgY antibodies were affinity purified from the sera over a chicken IgY column, and then conjugated to N-hydroxysuccinimide (NHS)-activated agarose beads. After blocking residual NHS sites, the agarose beads were washed exhaustively with 50 mM HEPES buffer (pH 7.6) with 5 mM EDTA ("TE buffer"). Sodium azide was then added to a final concentration of 0.02% (w/v).
- Quality control:** The capacity of PrecipHen® was determined by measuring the 2.5 mls of PrecipHen. One milliliter aliquots of chicken IgY (200 ug/ml in TE buffer) were applied to the column and fractions were collected. A similar column of agarose (non-NHS activated) was used for comparison. The concentration of IgY passing through each column was measured, and the total amount of IgY that bound to the column was calculated.
- Recommended Storage Conditions:** **Store at 4°C in the dark.** Under these conditions, 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.