

# Normal Chicken IgY (IgG) Ultra, Whole Molecule

Ultra Purified Immunoglobulin

## Product Information

**Product No.:** C2842

**RRID:** AB\_2893556

**Storage:** Sterile 2° to 8°C

## Product Description

### Background:

Normal Chicken IgY (IgG), Whole Molecule was purified using chromatography methods. IgY antibody subtype constitutes the majority of serum immunoglobulins of the immune system in birds and is analogous to IgG found in mammals. IgG is produced and secreted by plasma B cells. The whole IgG molecule contains both the F(c) region, recognized by high-affinity Fc receptor proteins, and the F(ab) region with the epitope-recognition site, and thus contains two antigen-binding sites. IgG antibodies mediate immunological responses to allergy and pathogenic infections by binding to viruses, bacteria, or fungi and facilitating their destruction by activation of the complement cascade, immobilizing them via agglutination, or opsonization for phagocytosis. This product contains a sufficient quantity of endogenous IgG to block nonspecific binding sites on fixed samples and assay substrates. While most commonly used in flow cytometry this product is useful in other applications such as ELISA, IHC, ICC, Blocking, and as a control.

### Format:

Purified

### Formulation

This product has been aseptically packaged and formulated in phosphate buffered saline (PBS) pH 7.2 - 7.6 with no carrier proteins or preservatives.

***Product may be provided with carrier proteins or preservatives by request***

### Storage and Stability

Store at 2° to 8°C under sterile conditions

**Do not freeze**

### Country of Origin

USA