

Product Information

Anti-Chicken IgY (IgG) (whole molecule)

produced in rabbit, IgG fraction of antiserum

Catalog No. **C6409**

Product Description

Anti-Chicken IgY (IgG) is produced in rabbit using purified chicken IgY (IgG) as the immunogen. Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum. This fraction is essentially free of other rabbit serum proteins.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the product followed by diffusion versus anti-rabbit IgG and anti-rabbit whole serum results in single arcs of precipitation in the gamma region.

Reagent

Supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.4, containing 15 mM sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Product Profile

Total IgG concentration: 5-10 mg/mL

Precipitin Analysis: Each milliliter of antiserum contains 2.5-5 mg of specific antibody. Normal chicken serum is used to determine the antibody concentration by a quantitative precipitation assay.

Indirect ELISA: a working dilution of 1:150,000-1:250,000 was determined using 1 µg/ml chicken IgG

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