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## Product Information

### Anti-Chicken IgY (IgG) (whole molecule)

IgG Fraction of Antiserum

Product No. **C 6409**

#### Product Description

Anti-Chicken IgY (IgG) is developed 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

The product is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.4, containing 0.1% sodium azide as a preservative.

#### Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS 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 is **not** recommended. 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: 10 to 20 mg/ml

#### Precipitin Analysis

Each milliliter of antiserum contains 1.8 to 2.5 mg of specific antibody. Normal chicken serum is used to determine the antibody concentration by a quantitative precipitation assay.

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