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Product Information

Anti-Chicken IgY (IgG) (whole molecule)

Developed in Rabbit
Affinity Isolated Antigen Specific Antibody

Product No. **C 2288**

Product Description

The antiserum is developed in rabbit using chicken IgY (IgG) purified from pooled normal chicken serum as the immunogen. Affinity isolated specific antibody is purified from rabbit anti-chicken IgY (IgG) antiserum to remove essentially all rabbit serum proteins including immunoglobulins which do not specifically bind to chicken IgY (IgG).

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

Reagent

The purified antibody is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.4, containing 15 mM sodium azide as a preservative.

Precautions

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

IgG Concentration = 2.0-2.5 mg/ml by absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

Quantitative Precipitin Analysis

Each milliliter of antiserum contains 2.0-2.5 mg of specific antibody. Normal chicken serum is used to determine the antibody concentration by a quantitative precipitation assay.

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