

Product Information

Anti-Bovine IgG (whole molecule)

produced in rabbit, affinity isolated antibody

Catalog Number **B5645**

Product Description

Anti-Bovine IgG is produced in rabbit using bovine IgG purified from pooled, normal bovine serum as the immunogen. The affinity isolated antibody is purified from the rabbit anti-bovine IgG antiserum to remove essentially all rabbit serum proteins, including immunoglobulins which do not specifically bind to bovine 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 has a IgG concentration range of 2.0-2.5 mg/ml, determined by absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

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/Stability

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

Indirect ELISA: a working dilution of 1:20,000 is determined using bovine IgG .

DS,KAA,PHC 12/12-1