

**ANTI-BOVINE IgG (WHOLE MOLECULE)**

Delipidized, Whole Antiserum

Product No. **B8395**

Lot No. 018H4814

Anti-Bovine IgG is developed in rabbit using bovine IgG isolated from normal bovine serum as the immunogen. The antiserum has been treated to remove lipoproteins. Rabbit Anti-Bovine IgG is supplied as a liquid containing 0.1% sodium azide (see MSDS)\* as a preservative.

**Specificity**

The antiserum is determined to be immunospecific for bovine IgG by immunoelectrophoresis (IEP) versus normal bovine serum and purified bovine IgG.

**Identity and Purity**

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

**Protein Concentration** = 59.6 mg/ml by Biuret.

**Quantitative Precipitin Analysis**

Each milliliter of antiserum contains 2.1 mg of specific antibody. Normal bovine serum is used to determine the antibody concentration by a quantitative precipitation assay.

\*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.