

**Product No. A-3418**  
**Lot 017H4865**

**Anti-Human  $\alpha$ -1-Acid Glycoprotein**  
Developed In Goat  
Delipidized, Whole Antiserum

Antiserum is developed in goat using purified human  $\alpha$ -1-acid glycoprotein as the immunogen. The antiserum has been treated to remove lipoproteins. Goat Anti-Human  $\alpha$ -1-Acid Glycoprotein is supplied as a liquid containing 0.1% sodium azide (see MSDS)\* as preservative.

**Specificity**

The product is determined to be immunospecific for human  $\alpha$ -1-acid glycoprotein by immunoelectrophoresis versus human serum and  $\alpha$ -1-acid glycoprotein.

**Identity and Purity**

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the product followed by diffusion versus anti-goat IgG results in a single precipitation arc and versus anti-goat whole serum multiple precipitation arcs are observed.

**Protein Concentration:** 56.3 mg/ml by biuret.

**Precipitin Analysis**

Each milliliter of antiserum contains 0.6 mg of specific antibody. Normal human serum is used to determine the antibody concentration by a quantitative precipitation assay.

This goat antiserum was maintained at pH 5.0 for 40 minutes to meet USDA requirements.

\*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 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.