

ANTI-HUMAN ALBUMIN

Developed in Rabbit IgG Fraction of Antiserum

Product No. **A0433**

Lot No. 117H4850

Anti-Human Albumin is developed in rabbit using purified human albumin 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. The product is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.2, containing 15 mM sodium azide (see MSDS*) as a preservative.

Specificity

Specificity is determined by Ouchterlony Double Diffusion (ODD) and immunoelectrophoresis (IEP) versus human serum and human albumin.

Identity and Purity

Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the product followed by diffusion versus anti-rabbit IgG and anti-rabbit whole serum result in single arcs of precipitation in the gamma region.

Precipitin Analysis

Each milliliter of antiserum contains 5.5 mg of specific antibody. Normal human serum is used to determine the antibody concentration by a quantitative precipitin assay.

Titer: 1:32

Using an Ouchterlony double diffusion (ODD) assay, in 1% agarose, 5 μ l of serially diluted reconstituted antiserum is reacted against 5 μ l of 1 mg/ml solution of purified human albumin (well separation: 7.5 mm center to center). Titer is equivalent to the highest dilution of antiserum resulting in a visible precipitate by 24 hours.

Protein Concentration: 15.8 mg/ml

*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.

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Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.