



Product Information

ANTI-SHEEP IgG (WHOLE MOLECULE)

Developed in Donkey

Affinity Isolated Antigen Specific Antibody

Product No. **S 2763**

Product Description

Antiserum is developed in donkey using purified sheep IgG as the immunogen. Affinity isolated antigen specific antibody is obtained from donkey anti-sheep IgG antiserum by immunospecific purification which removes essentially all donkey serum proteins, including immunoglobulins, that do not specifically bind to sheep IgG. The purified antibody is lyophilized from 0.01 M sodium phosphate, 0.015 M sodium chloride, pH 7.2, to which no preservatives have been added.

Specificity

Antiserum is determined to be immunospecific for sheep IgG by immunoelectrophoresis versus normal sheep serum and sheep IgG.

Identity and Purity

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

Reconstitution and Storage Instructions

To one vial of lyophilized powder add sufficient 0.135 M sodium chloride to yield a 1 mg/ml solution, rotate vial gently until powder dissolves. This will yield a protein solution in phosphate buffered saline. Prior to reconstitution store the product at 2-8 °C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

Titer

One milligram of affinity isolated antibody will react with 0.5-5.0 mg of sheep IgG as determined by single radial immunodiffusion (Becker).¹

Reference

1. Becker, W., Immunochem., **6**, 539 (1969).

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