

ProductInformation

ANTI-HORSE IgG (WHOLE MOLECULE)

Developed in Rabbit

Affinity Isolated Antigen Specific Antibody

Product No. **H 3887**

Product Description

Antiserum is developed in rabbit using purified horse IgG as the immunogen. Antibody is isolated from rabbit antihorse IgG antiserum by immunospecific purification which removes essentially all rabbit serum proteins, including immunoglobulins, that do not specifically bind to horse 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.

The antibody preparation is determined by be immunospecific for horse IgG by immunoelectrophoresis (IEP) versus normal horse serum and horse IgG.

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

Product Profile

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

The protein content is determined after reconstitution with 0.135 M NaCl by absorbance at 280 nm using $E_{280}^{1\%} = 14.0$.

Reconstitution and Storage Instructions

To one vial of lyophilized powder add sufficient 0.135 M sodium chloride to achieve a 1mg/ml solution of antibody. Rotate vial gently until powder dissolves. This will yield a protein solution in 0.01 M 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.

Reference

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

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