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## Product Information

### Anti-Horse Spleen Ferritin Affinity Isolated Antigen Specific Antibody Developed in Rabbit

Product No. **F6136**

#### Product Description

Antiserum is developed in rabbit using purified horse spleen ferritin as the immunogen. Antibody is isolated from rabbit antiserum by immunospecific purification which removes essentially all rabbit serum proteins, including immunoglobulins, which do not specifically bind to horse spleen ferritin. 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 antiserum is determined to be immunospecific for horse spleen ferritin by immunoelectrophoresis (IEP) versus horse spleen ferritin.

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

Protein content is determined after reconstitution with 0.135 M NaCl by the 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.

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