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Product Information

ANTI-MONKEY IgG (WHOLE MOLECULE) Affinity Isolated Antigen Specific Antibody

Product No. **M 0278**

Product Description

The antiserum is developed in rabbit using monkey IgG purified from pooled normal monkey serum as the immunogen. Affinity isolated specific antibody is purified from rabbit anti-monkey IgG antiserum to remove essentially all rabbit serum proteins including immunoglobulins which do not specifically bind to monkey IgG. The purified antibody is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.4, containing 0.1% sodium azide (see MSDS)* as a preservative.

Specificity of the antiserum is determined by immunoelectrophoresis (IEP) versus monkey serum and monkey IgG. The product cross-reacts with baboon IgG and marmoset IgG.

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

Precautions and Disclaimer

Sodium Azide is considered highly toxic and highly reactive under certain conditions. Read the Material Safety Data Sheet carefully before use.

Protein Concentration: 2.0 to 3.0 mg/ml by absorbance at 280nm ($E_{280}^{1\%} = 14.0$).

Quantitative Precipitin Analysis

Each milliliter of antiserum contains 2.0 to 2.3 mg of specific antibody. Normal monkey serum is used to determine the antibody concentration by a quantitative precipitation assay.

Storage/Stability

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.

PCS 5/01

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