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Product Information

Anti-Dinitrophenyl (DNP)

Developed in Goat
Delipidized, Whole Antiserum

Product No. **D9781**

Product Description

Anti-Dinitrophenyl (DNP) is developed in goat using DNP-BSA the immunogen. The antiserum has been treated to remove lipoproteins.

The product is determined to be reactive with DNP-BSA and DNP-RSA but not BSA (bovine serum albumin) or RSA (rabbit serum albumin) by immunoelectrophoresis (IEP).

Reagent

Anti-Dinitrophenyl (DNP) is supplied as a liquid containing 0.1% sodium azide as a preservative.

Precautions and Disclaimer

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.

Quantitative Precipitin Analysis

Each milliliter of antiserum contains 1.6 to 2.4 mg of specific antibody. DNP-Rabbit Albumin is used to determine the antibody concentration by a quantitative precipitation assay.

This goat antiserum was maintained at pH 5.0 for 40 minutes to meet USDA requirements.

Storage

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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