

Product Information

Anti-DNP

produced in goat, delipidized, whole antiserum

Catalog Number **D9781**

Product Description

Anti-DNP is produced in goat using DNP-BSA as 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

Supplied as a liquid containing 15mM sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

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, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Product Profile

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

Indirect ELISA: a minimum working dilution of 1:8,000 is determined using 5 µg/ml DNP for coating

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

Note: Working dilutions should be determined by titration assay. Due to differences in assay systems, these titers may not reflect the user's actual working dilution.

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