

Product Information

Anti-Lactoferrin

produced in rabbit, fractionated antiserum

Catalog Number **L3262**

Product Description

Anti-Lactoferrin is produced in rabbit using as immunogen purified lactoferrin. The fractionation procedure yields primarily the immunoglobulin fraction of antiserum. To ensure specificity the fractionated antiserum is adsorbed using solid phase techniques, if necessary.

Immunoelectrophoresis of the antibody preparation confirms specificity. Anti-Lactoferrin reacts with purified lactoferrin and human milk, but does not react with human serum proteins.

Identity and purity of the specific antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the immunogen followed by diffusion versus the antibody preparation results in a single arc of precipitation in the gamma region.

Reagents

Supplied as a lyophilized powder from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

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.

Reconstitution

To one vial of lyophilized powder add 2 ml of deionized water. Rotate vial gently until powder dissolves.

Storage/Stability

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.

Product Profile

Direct ELISA: a working dilution of 1:10,000 is determined using human lactoferrin.

Note: In order to obtain the best results in various techniques and preparations we recommend determining the optimal working dilutions by titration.

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