



RayBiotech, Inc.

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Certificate of Analysis and DataSheet Rabbit anti Human Lactoferrin (Biotin)

Catalog No.
MD-14-1126

Species
Human

Description:

Rabbit anti Human Lactoferrin, Biotin conjugated

Specificity:

Based on immunoelectrophoresis, the antibody reacts with human lactoferrin found in human milk. No antibody was detected against other milk or serum proteins, but antibodies may cross-react with lactoferrin from other species.

Host Animal:

Rabbit

Immunogen:

Lactoferrin purified from human colostrum.

Format:

Biotin, Lyophilized.

Reconstitute to 1.5 ml with distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity by drawing product into a Pasteur pipette.

Purification:

Isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Concentration:

1 mg/ml (prior to lyophilization)

Buffer:

Lyophilized from 0.01 M Sodium phosphate, 0.25 M Sodium chloride, pH 7.6 containing 15 mg/ml BSA.

Applications:

A dilution range of 1:20,000 - 1:400,000 is suggested for ELISA and Western blotting using enzyme-conjugated streptavidin, 1:500 - 1:5,000 for enzyme immunohistochemistry on tissue sections and 1:200 - 1:1,000 for flow cytometry and fluorescence immunohisto/cytochemistry. Each laboratory should

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Not for diagnostic or therapeutic use.**



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determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded

Preservative:

0.05 % Sodium Azide

Storage:

Store lyophilized product at 2-8°C. After reconstitution, product is stable for several weeks at 2-8 °C as an undiluted liquid. Prepare working dilution only prior to immediate use. For extended storage after reconstitution, add an equal volume of glycerol to make a final concentration of 50% glycerol and store at -20 °C. Please remember that the concentration of protein (and buffer salts) will decrease to one-half of the original after addition of glycerol. Expiration date: one year from date of reconstitution.

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