



RayBiotech, Inc.

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Certificate of Analysis and DataSheet

Rabbit anti Human Lactoferrin (HRP Conjugated)

Catalog No.
MD-14-1128

Species
Human

Description:

Rabbit anti Human Lactoferrin, Horseradish Peroxidase 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:

HRP, Lyophilized

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

Purification:

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

Concentration:

0.8 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 (IgG and Protease free)

Applications:

A dilution range of 1:500 - 1:5,000 is suggested for immunohistochemistry on tissue sections, 1:5,000 – 1:100,000 for ELISA and Western blotting with chromogenic substrates and 1:10,000 - 1:200,000 for Western blotting with ECL substrates. Each laboratory should 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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Preservative:

None

Storage:

Store lyophilized product at 2-8°C. After reconstitution, aliquot and store at -70°C or below. Prepare working dilution only prior to immediate use. For long-term storage after reconstitution, we suggest the addition of an equal volume of glycerol (ACS or better grade) for a final glycerol concentration of 50% followed by storage at -20°C. Avoid multiple freeze/thaw cycles. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after the addition of glycerol. Expiration date is one year from date of reconstitution.

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