



Anti Luminal Cholecystokinin-Releasing Factor (LCRF) (Rat) Serum Cat. No. YII-Y380-EX Lot No. 18090424

Description: This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic LCRF (rat) peptide. The product vial contains 50 µL of the titled antiserum obtained by lyophilizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immunoreaction with cholecystokinin-releasing factor (LCRF) (rat).

Immunogen: Synthetic LCRF (rat)-KLH conjugate **Host:** Rabbit

Amino Acid Sequence of LCRF (rat)¹⁾:

STFWAYQPDG DNDPTDYQKY EHTSSPSQLL APGDYPCVIE W

Product Form: Lyophilized unpurified serum **Size:** 50 µL

Reconstitution: Reconstitute the product with 0.5mL of 0.01M PBS (pH 7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN₃ 0.1%).

Storage: The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing-thawing should be avoided.

Suggested Working Dilution Range: 1:1,000-10,000 for enzyme immunoassay; 1: 500- 2,000 for immunohistochemistry (frozen or paraffin section). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay): LCRF (rat) 100%, LCRF (1-21) (rat) 10%, LCRF (19-41) (rat) 0.01%,

Positive Control (immunohistochemistry): Rat ileum

Species Tested: Rat

REFERENCES:

1) A.W. Spannagel, G.M. Green et al., Purification and characterization of a luminal cholecystokinin-releasing factor from rat intestinal secretion. Proceedings of National Academy of Sciences 93: 4415-4420, 1996

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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