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 lympet hemocyanin (KLH) conjugate of synthetic LCRF (rat) peptide. The product vial contains 50 µL of the titled antiserum obtained by lyo- philizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistoche- mistry 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 recon- stitution, 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 immuno- histochemistry (frozen or paraffin section). Optimal dilution should be determined by each laboratory for each app- lication.

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 choleystokinin-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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