

## **Anti Luminal Cholecystokinin-Releasing Factor (LCRF) (Rat) Serum**

**Cat. No. Y380**

**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  $\mu$ L 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)<sup>1)</sup>:**

STFWAYQPDG DNDPTDYQKY EHTSSPSQLL APGDYPCVIE W

**Product Form:** Lyophilized unpurified serum

**Size:** 50  $\mu$ L

**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. NaN<sub>3</sub> 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

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