



## Anti GRF/GH-RH (Rat) Serum

Cat. No. YII-Y390-EX      Lot No. 198100512

**Description:** This antiserum was raised in a rabbit by immunization with a carrier free synthetic growth hormone-releasing factor (GRF/GH-RH) (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 GRF/GH-RH (rat).

**Immunogen:** Synthetic GRF/GH-RH (rat), carrier free **Host:** Rabbit

### **Amino Acid Sequence of GRF/GH-RH (rat)<sup>1)</sup>:**

HADAIFTSSY RRILGQLYAR KLLHEIMNRQ QGERNQEQRS RFN

**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:** 1:1,000-3,000 (final dilution ~1:21,000) for radioimmunoassay;

1: 1,000- 4,000 for immunohistochemistry (frozen or paraffin section). Optimal dilution should be determined by each laboratory for each application.

**Specificity:** GRF/GH-RH (rat) 100%, not tested for other peptide hormones

**Positive Control** (immunohistochemistry): Rat hypothalamus

**Species Tested:** Rat

### **REFERENCES:**

1) J. Spiess, J. Rivier and W. Vale, Characterization of rat hypothalamic growth hormone-releasing factor. Nature 303: 532-536, 1983

### **FOR RESEARCH LABORATORY USE ONLY**

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

