

## **Anti Gastrin 34 (1-15) (Human) Serum**

Cat. No. Y110 Lot No. 023071109

**Description:** This antiserum was raised in a rabbit by immunization with a bovine serum albumin (BSA) conjugate of synthetic gastrin 34 (G34) (1-15) (human) peptide. The product vial contains 50  $\mu$ L of the titled antiserum obtained by lyophilizing its 0.001 M phosphate buffer (pH 7.0, 0.5mL.) solution. It can be used for immunoassay, immuno-histochemistry or any other immunoreaction with gastrin (human).

**Immunogen:** Synthetic gastrin 34 (1-15)(human)-BSA conjugate

**Host:** Rabbit

**Amino Acid Sequence of Gastrin 34 (1-15) (human)<sup>1)</sup>:**

1 15  
QLGPGGPPHL VADPSKKQGP WLEEEEEAYG WMDF

**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:** 1:5,000 (final dilution~1:45,000) for radioimmunoassay; 1: 500- 2,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

**Specificity** (based on radioimmunoassay): G34 (1-15) (human) 100%, G34 (human) 43%, G34 (1-5) (human) 30%, G34 (6-15) (human) 0%

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

**Species Tested:** Rat

### **REFERENCES:**

1) K. Kato, Y. Hayashizaki et al., Molecular cloning of the human gastrin gene. Nucleic Acids Research 11: 8197-8205, 1983

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