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 μL 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)[1]:

1 15

QLGPQGPPHL VADPSKKQGP WLEEEEEAYG WMDF

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. NaN_3 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

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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