

Anti Gastrin17 (G17) (Dog) Serum

Cat. No. Y111 Lot No. 58140228

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic gastrin17 (G17) (dog) peptide. The product vial contains 50 μ 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, immunohistochemistry or any other immunoreaction with gastrin (dog).

Immunogen: Synthetic gastrin17 (G17) (dog), carrier free

Host: Rabbit

Amino Acid Sequence of G17 (dog)¹⁾: pEGPWMEEEEA AYGWMDF-NH₂

Product Form: Lyophilized unpurified serum

Size: 50 μ 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. 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 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: 1:1,500 (final dilution~1:10,500) 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): G17 (dog) 100%, G17 (human) 40%

Positive Control (immunohistochemistry): Rat antrum

Species Tested: Rat

REFERENCES:

- 1) I. Gantz, T. Takeuchi, and T. Yamada, Cloning of canine gastrin cDNA's encoding variant amino acid sequences. Digestion 46 Suppl 2: 99-104, 1990

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