



## Anti Gastrin17 (G17) (Dog) Serum

Cat. No. YII-Y111-EX      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 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, immunohistochemistry or any other immunoreaction with gastrin (dog).

**Immunogen:** Synthetic gastrin17 (G17) (dog), carrier free **Host:** Rabbit

**Amino Acid Sequence of G17 (dog)<sup>1)</sup>:** pEGPWMEEEEEA AYGWMDF-NH<sub>2</sub>

**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<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 recon- stitution, 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

### FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

#### Distributor



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