Anti PTH (1-15) (Mouse, Rat) Serum
Cat. No. YII-Y421-EX Lot No. 274141024

Description: This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic PTH (1-15) (mouse, rat) 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 PTH (mouse, rat).

Immunogen: Synthetic PTH (1-15) (mouse, rat)-KLH conjugate **Host:** Rabbit

Amino Acid Sequence of PTH (1-15) (Mouse, Rat)[1]**:**
AVSEIQLMHN LGKHL

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. 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 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: 1:3,000 (final dilution ~1:21,000) for radioimmunoassay;1: 1,000- 4,000 for immunohistochemistry (frozen or paraffin sections). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on enzymeimmunoassay)**:** PTH (1-15) (mouse, rat) 100%, PTH (1-34)-NH2 (mouse, rat) 10%

Positive Control (immunohistochemistry)**:** Rat parathyroid gland

Species Tested: Rat

REFERENCES:
1) G. heinrich, H.M. Kronenberg et al., Gene encoding parathyroid hormone. Nucleotide sequence of the rat gene and deduced amino acid sequence of rat pre- proparathyroid hormone. Journal of Biological Chemistry 259:3320, 1984

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

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