



Anti CRF (24-41)(Human, Mouse, Rat) Serum
Cat. No. YII-Y210-EX Lot No. 086271018

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic CRF (24-41) (human, mouse, rat) peptide. The product vial contains 50 μ L of the titled antiserum, which was obtained by lyophilizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohisto- chemistry or any other immunoreaction with CRF (human, mouse, rat).

Immunogen: Synthetic CRF (24-41) (human, mouse, rat), carrier free **Host:** Rabbit

Amino Acid Sequence of CRF (24-41) (human, mouse, rat)^{1,2)}

24 41

SEEPPISSLDL TFHLLREVLE MARAEQLAQQ AHSNRKLMEI I-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 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: 1:5,000 (final dilution 1:35,000) for radioimmunoassay; 1:1,000-5,000 for immunohistochemistry (frozen section). Optimal dilution should be determined by each laboratory for each application.

Specificity (based on radioimmunoassay): CRF (24-41) (human, mouse, rat) 100%, CRF (human, mouse, rat) \simeq 100%

Positive Control (immunohistochemistry): Rat hypothalamus

Species Tested: Rat

REFERENCES:

- 1) S. Shibahara, Y. Morimoto et al., Isolation and sequence analysis of the human corticotropin-releasing factor precursor gene. EMBO Journal 2: 775-779, 1983
- 2) J. Rivier, J. Spiess and W. Vale, Characterization of rat hypothalamic corticotropin-releasing factor. Proceedings of National Academy of Sciences USA 80:4851-4855, 1983

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DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

