



# Peninsula Laboratories, LLC

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**Cat. No. S-1370**

## Neuroendocrine Regulatory Peptide-1 (NERP-1) (human)

**SPECIFICATIONS:** Formulated for extracted samples

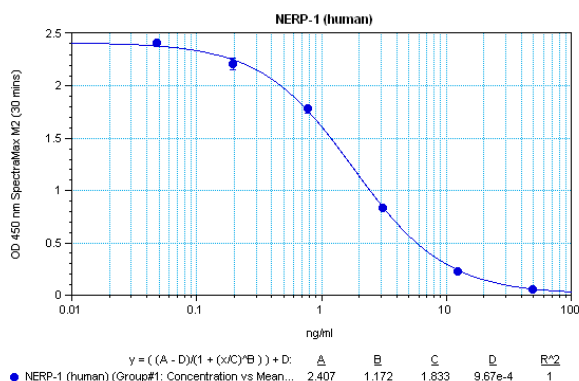
**STANDARD:** 1 µg H-6622 H-Arg-Pro-Glu-Ser-Ala-Leu-Leu-Gly-Gly-Ser-Glu-Ala-Gly-Glu-Arg-Leu-Leu-Gln-Gln-Gly-Leu-Ala-Gln-Val-Glu-Ala-NH<sub>2</sub>

**PROTOCOL:** III (Std.Ab1hr.Bt)

**RANGE:** 0-50 ng/ml

**AVERAGE IC<sub>50</sub>:** 2 ng/ml

**SHELF-LIFE:** One year from production date



| Suggested Preparation of Standards |       |                                  |
|------------------------------------|-------|----------------------------------|
|                                    | ng/ml | Range: 0.05 to 50 ng/ml          |
| Stock                              | 1000  |                                  |
| S1                                 | 50.00 | Add 50 µl stock + 950 µl diluent |
| S2                                 | 12.50 | Add 200 µl S1 + 600 µl diluent   |
| S3                                 | 3.13  | Add 200 µl S2 + 600 µl diluent   |
| S4                                 | 0.78  | Add 200 µl S3 + 600 µl diluent   |
| S5                                 | 0.20  | Add 200 µl S4 + 600 µl diluent   |
| S6                                 | 0.05  | Add 200 µl S5 + 600 µl diluent   |
| S0                                 | 0.00  | 500 µl diluent                   |

### CROSS REACTION:

#### PEPTIDE

| PEPTIDE                                              | %   |
|------------------------------------------------------|-----|
| Neuroendocrine Regulatory Peptide-1 (NERP-1) (human) | 100 |
| Neuroendocrine Regulatory Peptide-1 (NERP-1) (rat)   | 100 |
| Neuroendocrine Regulatory Peptide-2 (NERP-2) (human) | 0   |
| Neuroendocrine Regulatory Peptide-2 (NERP-2) (rat)   | 0   |