



# Peninsula Laboratories, LLC

A Member of the Bachem Group

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## Cat. No. S-1439 Leptin (116-130) amide (human)

**SPECIFICATIONS:** Formulated for extracted samples

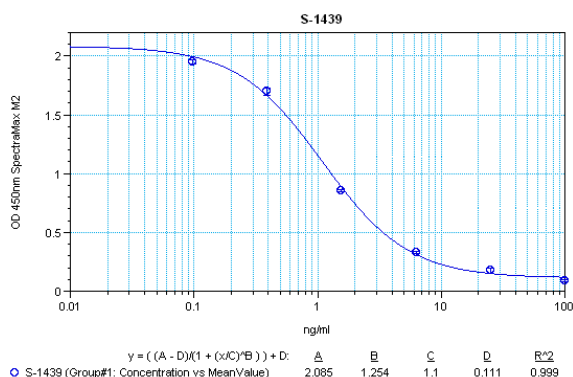
**STANDARD:** 1 µg (not available separately) Ser-Cys-His-Leu-Pro-Trp-Ala-Ser-Gly-Leu-Glu-Thr-Leu-Asp-Ser-NH<sub>2</sub>

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

**RANGE:** 0-100 ng/ml

**AVERAGE IC<sub>50</sub>:** 1.2 ng/ml

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



| Suggested Preparation of Standards |        |                                   |
|------------------------------------|--------|-----------------------------------|
|                                    | ng/ml  | Range: 0.10 to 100 ng/ml          |
| Stock                              | 1000   |                                   |
| S1                                 | 100.00 | Add 100 µl stock + 900 µl diluent |
| S2                                 | 25.00  | Add 200 µl S1 + 600 µl diluent    |
| S3                                 | 6.25   | Add 200 µl S2 + 600 µl diluent    |
| S4                                 | 1.56   | Add 200 µl S3 + 600 µl diluent    |
| S5                                 | 0.39   | Add 200 µl S4 + 600 µl diluent    |
| S6                                 | 0.10   | Add 200 µl S5 + 600 µl diluent    |
| S0                                 | 0.00   | 500 µl diluent                    |

### CROSS REACTION:

| PEPTIDE        | %   |
|----------------|-----|
| Leptin (human) | 100 |
| Leptin (mouse) | 0   |
| Leptin (rat)   | 0   |