



# Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com



**Cat. No. S-1399**

**Gliadorphin-7**

**SPECIFICATIONS:** Formulated for extracted samples

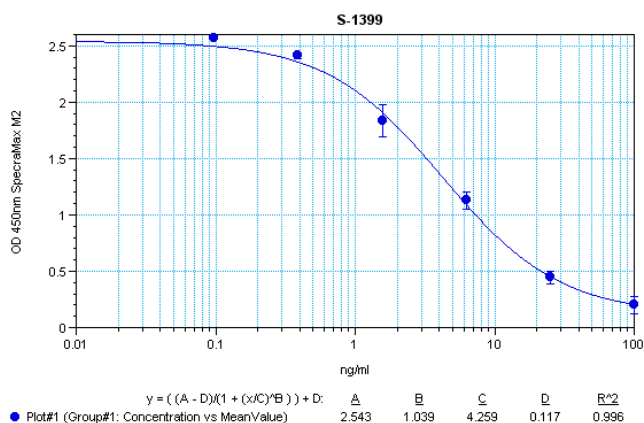
**STANDARD:** 1 µg H-6712 Tyr-Pro-Gln-Pro-Gln-Pro-Phe

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

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

**AVERAGE IC<sub>50</sub>:** 4.25 ng/ml

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



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

## CROSS REACTION:

### PEPTIDE

|                              | %   |
|------------------------------|-----|
| Gliadorphin-7                | 100 |
| Beta- casomorphin-7 (Bovine) | 0   |
| Osteocalcin (1-49) (Human)   | 0   |