



## 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-2152**

### **Leumorphin (human)**

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg (Std not available separately) H-Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-Arg-Ser-Gln-Glu-Asp-Pro-Asn-Ala-Tyr-Ser-Gly-Glu-Leu-Phe-Asp-Ala-OH

**TRACER:** H-5442  
**RANGE:** 0.01-1.28 ng/ml (1-128 pg/tube)  
**AVERAGE IC<sub>50</sub>:** 0.15 ng/ml (15 pg/tube)  
**TEST CAPACITY:** 125 test tubes  
**ASSAY TIME:** 3 days  
**SHELF LIFE:** Six weeks after date of preparation when stored at -20°C

#### **CROSS REACTION:**

| <b>PEPTIDE:</b>        | <b>%:</b> |
|------------------------|-----------|
| Leumorphin (human)     | 100       |
| Leumorphin (porcine)   | 100       |
| Prodynorphin (209-240) | 28        |
| β-Neoendorphin         | 0         |
| Dynorphin A (1-8)      | 0         |
| Dynorphin A (1-17)     | 0         |
| α-Neoendorphin         | 0         |
| Leu-Enkephalin         | 0         |
| Met-Enkephalin         | 0         |
| β-Endorphin (human)    | 0         |