



## Peninsula Laboratories, LLC

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**Cat. No. S-2118**

**Leu-Enkephalin**

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg H-2740 H-Tyr-Gly-Gly-Phe-Leu-OH

|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| <b>TRACER:</b>                  | H-5196                                                   |
| <b>RANGE:</b>                   | 0.01-1.28 ng/ml (1-128 pg/tube)                          |
| <b>AVERAGE IC<sub>50</sub>:</b> | 0.09 ng/ml (9 pg/tube)                                   |
| <b>TEST CAPACITY:</b>           | 125 test tubes                                           |
| <b>ASSAY TIME:</b>              | 3 days                                                   |
| <b>SHELF LIFE:</b>              | Six weeks after date of preparation when stored at -20°C |

**CROSS REACTION:**

| PEPTIDE:                                                  | %:    |
|-----------------------------------------------------------|-------|
| Leu-Enkephalin                                            | 100   |
| Dynorphin A                                               | 29    |
| Dynorphin A (1-8)                                         | 8     |
| Peptide F (bovine)                                        | 5     |
| Met-Enkephalin                                            | 3     |
| Met-Enkephalin-Arg-Gly-Leu                                | 0.2   |
| Leu-Enkephalin-Arg                                        | 0.2   |
| β-Endorphin (human)                                       | <0.01 |
| ACTH (1-39) (human)                                       | 0     |
| Endothelin-1 (human, canine, porcine, rat, mouse, bovine) | 0     |