



## Peninsula Laboratories, LLC

A Member of the Bachem Group

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**Cat. No. S-2225**

### **Parathyroid Hormone (pTH) (7-84) (human)**

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg H-3084 H-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-Val-Ala-Leu-Gly-Ala-Pro-Leu-Ala-Pro-Arg-Asp-Ala-Gly-Ser-Gln-Arg-Pro-Arg-Lys-Lys-Glu-Asp-Asn-Val-Leu-Val-Glu-Ser-His-Glu-Lys-Ser-Leu-Gly-Glu-Ala-Asp-Lys-Ala-Asp-Val-Asn-Val-Leu-Thr-Lys-Ala-Lys-Ser-Gln-OH

|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| <b>TRACER:</b>                  | H-5614                                                   |
| <b>RANGE:</b>                   | 0.1-12.8 ng/ml (10-1280 pg/tube)                         |
| <b>AVERAGE IC<sub>50</sub>:</b> | 0.9 ng/ml (90 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:                                      | %:  |
|-----------------------------------------------|-----|
| pTH (7-84) (human)                            | 100 |
| pTH (1-84) (human)                            | 100 |
| pTH (1-84) (rat)                              | 100 |
| pTH (1-38) (human)                            | 100 |
| pTH (1-34) (human)                            | 100 |
| pTH (1-34) (rat)                              | 0   |
| pTH (39-84) (human)                           | 0   |
| pTH (39-68) (human)                           | 0   |
| pTH-Related Protein (1-34) (human, rat)       | 0   |
| pTH-Related Protein (7-34) amide (human, rat) | 0   |