



## Peninsula Laboratories International, Inc.

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### Cat. No. S-2030

### Orexin A (human, bovine, canine, mouse, ovine, porcine, rat)

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg H-4172 Pyr-Pro-Leu-Pro-Asp-Cys-Cys-Arg-Gln-Lys-Thr-Cys-Ser-Cys-Arg-Leu-Tyr-Glu-Leu-Leu-His-Gly-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Leu-NH<sub>2</sub>,  
(Disulfide bonds between Cys<sub>6</sub> and Cys<sub>12</sub>/Cys<sub>7</sub> and Cys<sub>14</sub>)

**TRACER:** H-4974  
**RANGE:** 0.01-1.28 ng/ml (1-128 pg/tube)  
**AVERAGE IC<sub>50</sub>:** 0.16 ng/ml (16 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:

| PEPTIDE:                             | %:   |
|--------------------------------------|------|
| Orexin-A (human, bovine, mouse, rat) | 100  |
| Orexin A (16-33) (human, mouse, rat) | 14.8 |
| Hypocretin (28-66) (mouse, rat)      | 0    |
| Hypocretin (70-98) (human)           | 0    |
| Orexin-B (mouse, rat)                | 0    |
| Neuropeptide Y (human, rat)          | 0    |
| α-MSH                                | 0    |
| Leptin (human)                       | 0    |