



## 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-2033**

### Oxytocin

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg H-2510 H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH<sub>2</sub>, (Disulfide bond)

**TRACER:** H-4976

**RANGE:** 0.001-0.64 ng/ml (0.1-64 pg/tube)

**AVERAGE IC<sub>50</sub>:** 0.02 ng/ml (2 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:                                     | %:    |
|----------------------------------------------|-------|
| Oxytocin                                     | 100   |
| [Lys <sup>8</sup> ] Vasopressin              | <0.01 |
| [Arg <sup>8</sup> ]-Vasopressin              | 0     |
| Human Growth Hormone                         | 0     |
| α-ANP 1-28 (human, canine)                   | 0     |
| LHRH                                         | 0     |
| CRF (human, rat)                             | 0     |
| Met-Enkephalin                               | 0     |
| GRF (human)                                  | 0     |
| Somatostatin-14                              | 0     |
| TRH                                          | 0     |
| VIP (human, bovine, porcine, rat)            | 0     |
| (Ile <sup>3</sup> )-Pressinoic acid          | 0     |
| PACAP-27 (human, ovine, rat, mouse, porcine) | 0     |