



Peninsula Laboratories, LLC

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Cat. No. S-1176

Oxytocin

SPECIFICATIONS: Formulated for extracted samples

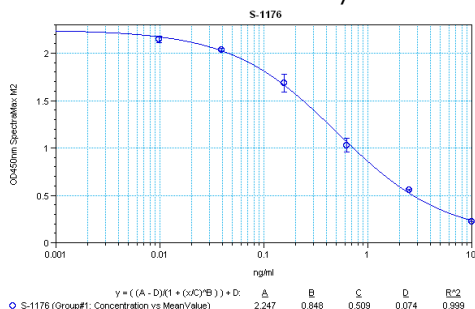
STANDARD: 1 µg H-2510 H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH₂, (Disulfide bond)

PROTOCOL: III (Std.Ab1 hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.48 ng/ml

SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.01 to 10 ng/ml
Stock	1000	
S1	10.00	Add 10 µl stock + 990 µl diluent
S2	2.50	Add 200 µl S1 + 600 µl diluent
S3	0.63	Add 200 µl S2 + 600 µl diluent
S4	0.16	Add 200 µl S3 + 600 µl diluent
S5	0.04	Add 200 µl S4 + 600 µl diluent
S6	0.01	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE

%

Oxytocin	100
[Lys ⁸] Vasopressin	<0.01
[Arg ⁸]-Vasopressin	0
[Arg ⁸]-Vasotocin	0
human Growth Hormone	0
ANF (1-28) (human)	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 ³)-Pressinoic Acid	0
PACAP-27 (human, mouse, ovine, porcine, rat)	0