



# Peninsula Laboratories International, Inc.

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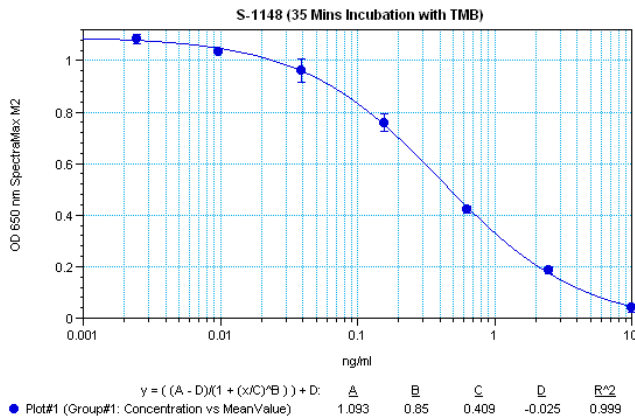


## Cat. No. S-1148 Orexin B (mouse, rat)

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 1 µg H-4176 H-Arg-Pro-Gly-Pro-Pro-Gly-Leu-Gln-Gly-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Ala-Asn-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Met-NH<sub>2</sub>

**PROTOCOL:** III (Std.Ab1hr.Bt)  
**RANGE:** 0-10 ng/ml  
**AVERAGE IC<sub>50</sub>:** 0.44 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	%
Orexin-B (mouse, rat)	100
Orexin-B (human)	100
Orexin-A (human, bovine, mouse, rat)	0
NPY (human, rat)	0
α-MSH	0
Leptin (human)	0
Substance P	0
CRF (human, rat)	0