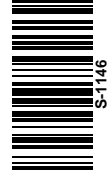




Peninsula Laboratories International, Inc.

305 Old County Road, San Carlos, CA 94070
Tel: (650) 801-6090
Fax: (650) 595-4071



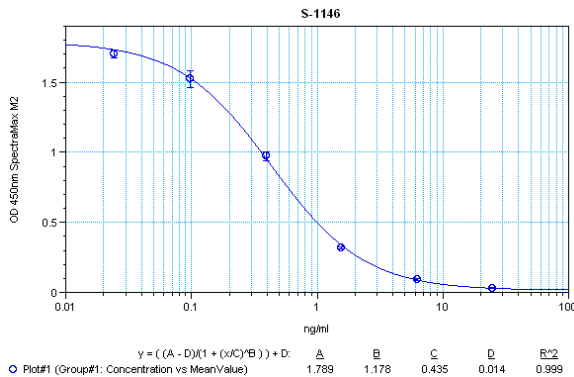
Cat. No. S-1146

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

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 1 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-NH₂ (Disulfide bonds between Cys6 and Cys12/Cys7 and Cys14)

PROTOCOL: III (Std.Ab1hr.Bt)
RANGE: 0-25 ng/ml
AVERAGE IC₅₀: 0.33 ng/ml
SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.02 to 25 ng/ml
Stock	1000	
S1	25.00	Add 25 µl stock + 975 µl diluent
S2	6.25	Add 200 µl S1 + 600 µl diluent
S3	1.56	Add 200 µl S2 + 600 µl diluent
S4	0.39	Add 200 µl S3 + 600 µl diluent
S5	0.10	Add 200 µl S4 + 600 µl diluent
S6	0.02	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE	%
Orexin-A (human, bovine mouse, rat)	100
Orexin-B (human)	18
Orexin-B (mouse, rat)	7.1
NPY (human, rat)	0
α-MSH	0
Leptin (human)	0
Substance P	0
CRF (human, rat)	0