



Peninsula Laboratories, LLC

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Cat. No. S-1146

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

SPECIFICATIONS: Formulated for extracted samples

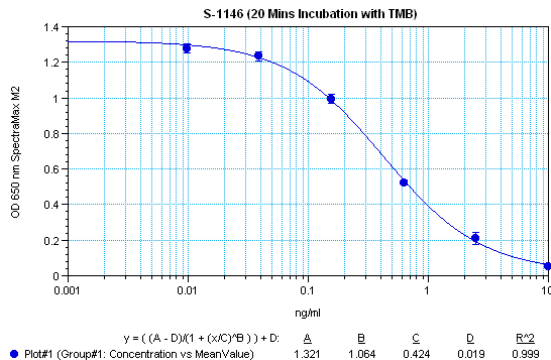
STANDARD: 1 µg H-4172 Pyr-Pro-Leu-Pro-Asp-Cys-Cys-Arg-Gln-Lys-Thr-Cys-Ser-Cys-Arg-Leu-Tyr-Glu-Leu-Leu-His-Gly-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Leu-NH₂
(Disulfide bonds between Cys6 and Cys12/Cys7 and Cys14)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.33 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-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