



Peninsula Laboratories, LLC

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Cat. No. S-2030

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

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 12.8 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)

TRACER:	H-4974
RANGE:	0.01-1.28 ng/ml (1-128 pg/tube)
AVERAGE IC₅₀:	0.16 ng/ml (16 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:	%:
Orexin-A (human, bovine, mouse, rat)	100
Orexin A (16-33) (human, mouse, rat)	14.8
Hypocretin (28-66) (mouse, rat)	0
Hypocretin (70-98) (human)	0
Orexin-B (mouse, rat)	0
Neuropeptide Y (human, rat)	0
α-MSH	0
Leptin (human)	0