



Peninsula Laboratories, LLC

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Cat. No. S-1184 ACTH (1-39) (human)

SPECIFICATIONS: Formulated for extracted samples

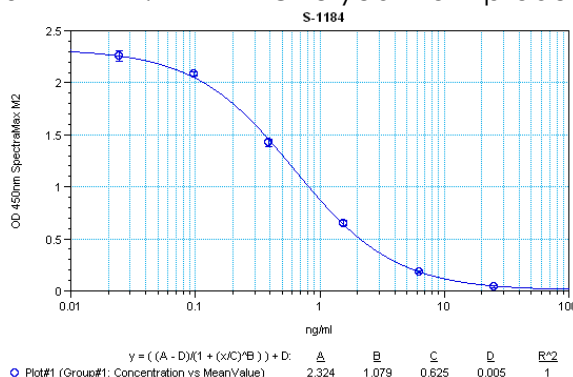
STANDARD: 1 µg H-1160 H-Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Gly-Ala-Glu-Asp-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe-OH

PROTOCOL: III (Std.Ab1 hr.Bt)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.87 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	%
ACTH (1-39) (human)	100
ACTH (1-39) (rat)	100
ACTH (1-24) (human, rat)	100
ACTH (7-38) (human)	31.2
ACTH (18-39) (human)	<0.01
ACTH (1-10) (human)	0
CRF (human, rat)	0
β-Endorphin (human)	1
α-MSH	0
Met-Enkephalin	0
ANF (1-28) (human)	0
BNP-32 (human)	0