



Peninsula Laboratories, LLC

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Cat. No. S-1415

pTH (1-34)(rat)

SPECIFICATIONS: Formulated for extracted samples

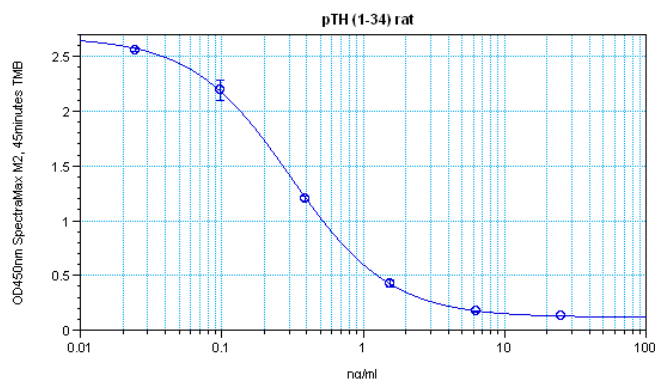
STANDARD: 1 µg H-5460 H-Ala-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Ala-Ser-Val-Glu-Arg-Met-Gln-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.3 ng/ml

SHELF-LIFE: One year from production date



Plot#1 (Standards: Concentration vs MeanValue) $y = ((A - D)/(1 + (x/C)^B)) + D$ $R^2 = 1$

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	%
pTH (1-34) (rat)	100
pTH (1-34) (bovine)	31
pTH (1-34) (human)	19
[Nle ^{8,21} , Tyr ³⁴]-pTH (1-34) amide (rat)	0.2
pTH (1-84) (human)	0
pTH-Related Protein (1-34) (human, rat)	0
Calcitonin (rat)	0