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Cat. No. S-1322

PACAP-38 (human, mouse, ovine, porcine, rat)

SPECIFICATIONS: Formulated for extracted samples

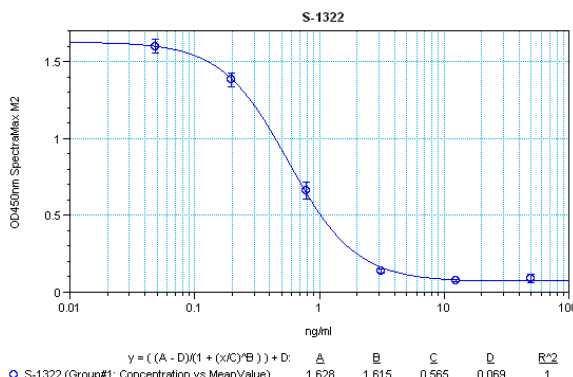
STANDARD: 1 µg H-8430 H-His-Ser-Asp-Gly-Ile-Phe-Thr-Asp-Ser-Tyr-Ser-Arg-Tyr-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Ala-Ala-Val-Leu-Gly-Lys-Arg-Tyr-Lys-Gln-Arg-Val-Lys-Asn-Lys-NH₂

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0.1- 50 ng/ml

AVERAGE IC₅₀: 1 ng/ml

SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.05 to 50 ng/ml
Stock	1000	
S1	50.00	Add 50 µl stock + 950 µl diluent
S2	12.50	Add 200 µl S1 + 600 µl diluent
S3	3.13	Add 200 µl S2 + 600 µl diluent
S4	0.78	Add 200 µl S3 + 600 µl diluent
S5	0.20	Add 200 µl S4 + 600 µl diluent
S6	0.05	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE	%
PACAP-38 (human, mouse, ovine, porcine, rat)	100
PACAP-38 (16-38) (human, chicken, mouse, ovine, porcine, rat)	100
PACAP (31-38) (human, chicken, mouse, ovine, porcine, rat)	100
PACAP-27 (human, mouse, ovine, porcine, rat)	0.01
VIP (human, bovine, porcine, rat)	0
CRF (human, rat)	0
ACTH (1-39) (human)	0
BNP-32 (human)	0
ANF (1-28)	0
Adrenomedullin (human)	0

Cross reactivity data is based on corresponding RIA kit S-2168