



Peninsula Laboratories International, Inc.

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Cat. No. S-1221 Pancreastatin (porcine) [Chromogranin A (240-288) (porcine)]

SPECIFICATIONS: Formulated for extracted samples

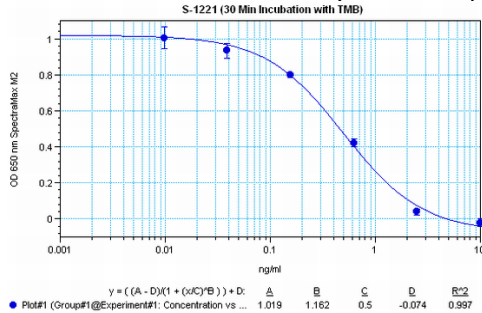
STANDARD: 1 µg H-6165 H-Gly-Trp-Pro-Gln-Ala-Pro-Ala-Met-Asp-Gly-Ala-Gly-Lys-Thr-Gly-Ala-Glu-Glu-Ala-Gln-Pro-Pro-Glu-Gly-Lys-Gly-Ala-Arg-Glu-His-Ser-Arg-Gln-Glu-Glu-Glu-Glu-Glu-Thr-Ala-Gly-Ala-Pro-Gln-Gly-Leu-Phe-Arg-Gly-NH₂

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.34 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	%
Pancreastatin (porcine)	100
Chromogranin A (250-301) amide (human)	100
Pancreastatin (33-49) (porcine)	100
Chromogranin A (286-301)-amide (human)	91
Chromogranin A (248-294)-amide (bovine)	1
Chromogranin A (264-314) (rat)	0
Galanin (porcine)	0
Gastrin-1 (human)	0
Met-Enkephalin	0
Peptide YY (porcine, rat)	0
PHI-27 (porcine)	0
Substance P	0.01
(Arg ⁸)-Vasopressin	0.01
VIP (human, bovine, porcine, rat)	0