



# Peninsula Laboratories International, Inc.

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## Cat. No. S-1421 Pancreastatin (33-48) (human)/ Chromogranin A (286-301) (human)

**SPECIFICATIONS:** Formulated for extracted samples

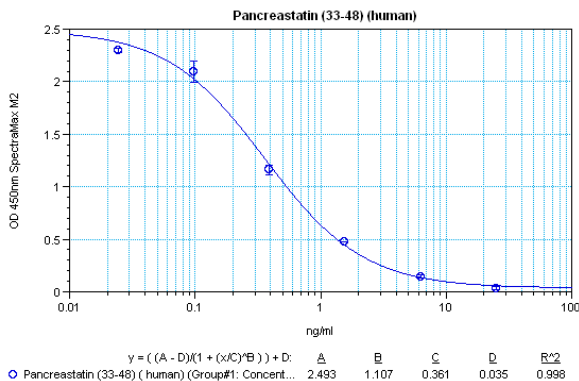
**STANDARD:** 1 µg H-6506 H-Glu-Glu-Glu-Glu-Glu-Met-Ala-Val-Val-Pro-Gln-Gly-Leu-Phe-Arg-Gly-NH2

**PROTOCOL:** III (Std.Ab1hr.Bt)

**RANGE:** 0-25 ng/ml

**AVERAGE IC<sub>50</sub>:** 0.37 ng/ml

**SHELF-LIFE:** One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.02 to 25 ng/ml
<b>Stock</b>	1000	
<b>S1</b>	25.00	Add 25 µl stock + 975 µl diluent
<b>S2</b>	6.25	Add 200 µl S1 + 600 µl diluent
<b>S3</b>	1.56	Add 200 µl S2 + 600 µl diluent
<b>S4</b>	0.39	Add 200 µl S3 + 600 µl diluent
<b>S5</b>	0.10	Add 200 µl S4 + 600 µl diluent
<b>S6</b>	0.02	Add 200 µl S5 + 600 µl diluent
<b>S0</b>	0.00	500 µl diluent

### CROSS REACTION:

PEPTIDE	%
Pancreastatin (33-48)/Chromogranin-A (286-301) (human)	100
Pancreastatin (1-49) (porcine)	100
Amylin (free acid) (human)	0
Glucagon (1-29) (human, bovine, porcine)	0
Insulin (human)	0
Pancreatic Polypeptide (human)	0
Chromogranin A (250-301) amide (human)	0
Chromogranin A (264-314) amide (rat)	0

Cross-Reactivity data is taken from Radioimmunoassay applications.