



Peninsula Laboratories, LLC

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Cat. No. S-1405

Gastrin Releasing Peptide (GRP) (porcine)

SPECIFICATIONS: Formulated for extracted samples

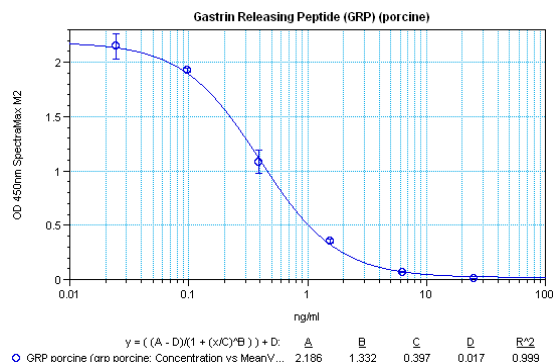
STANDARD: 1 µg H-1635 H-Ala-Pro-Val-Ser-Val-Gly-Gly-Gly-Thr-Val-Leu-Ala-Lys-Met-Tyr-Pro-Arg-Gly-Asn-His-Trp-Ala-Val-Gly-His-Leu-Met-NH₂

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.5 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	%
GRP (porcine)	100
GRP (14-27) (human, porcine, canine)	100
Bombesin	100
GRP (human)	100
Ac-GRP (20-27) (human, porcine, canine)	76
VIP (human, bovine, ovine, rat)	<0.001
GIP (human)	<0.001
GRP (1-16) (porcine)	0
Substance P	0
Gastrin I (chicken)	0