



# Peninsula Laboratories, LLC

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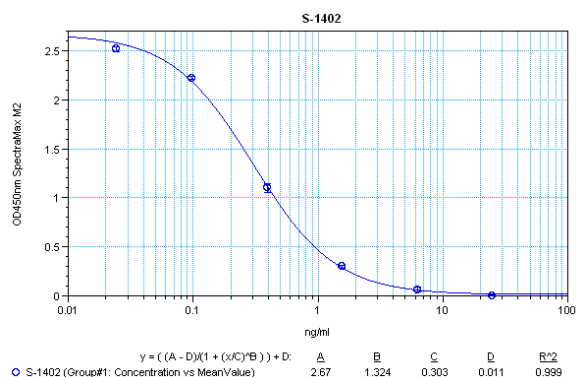


## Cat. No. S-1402 Gastrin Releasing Peptide (GRP) (human)

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 1 µg H-6785 H-Val-Pro-Leu-Pro-Ala-Gly-Gly-Gly-Thr-Val-Leu-Thr-Lys-Met-Tyr-Pro-Arg-Gly-Asn-His-Trp-Ala-Val-Gly-His-Leu-Met-NH<sub>2</sub>

**PROTOCOL:** III (Std.Ab1hr.Bt)  
**RANGE:** 0-25 ng/ml  
**AVERAGE IC<sub>50</sub>:** 0.8 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	%
Gastrin Releasing Peptide (human)	100
GRP (14-27) (porcine, human, canine)	100
Bombesin	100
GRP (porcine)	87
Acetyl-GRP (20-27) (human, porcine, canine)	78
GRP (1-16) (human)	0
GRP (1-16) (porcine)	0
Gastrin I (human)	0
Big Gastrin I (human)	0
GIP (human)	0
Substance P	0

Cross-Reactivity data is taken from Radioimmunoassay applications