



# Peninsula Laboratories, LLC

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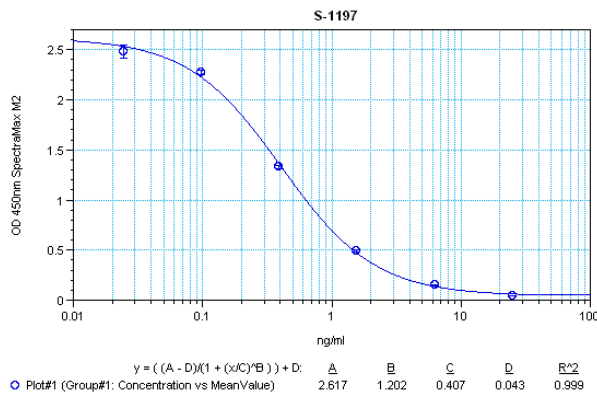


## Cat. No. S-1197 Calcitonin (rat)

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 1 µg H-3072 H-Cys-Gly-Asn-Leu-Ser-Thr-Cys-Met-Leu-Gly-Thr-Tyr-Thr-Gln-Asp-Leu-Asn-Lys-Phe-His-Thr-Phe-Pro-Gln-Thr-Ser-Ile-Gly-Val-Gly-Ala-Pro-NH<sub>2</sub>, (Disulfide bond)

**PROTOCOL:** III (Std.Ab1hr.Bt)  
**RANGE:** 0-25 ng/ml  
**AVERAGE IC<sub>50</sub>:** 0.7 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	%
Calcitonin (rat)	100
Calcitonin (human)	87
Calcitonin (salmon I)	0
Calcitonin (eel)	0
Calcitonin (chicken)	0
α-CGRP (human)	0.1
α-CGRP (rat)	0
Amylin (rat)	0
Amylin (free acid) (human)	0
Calcitonin C-Terminal Adjacent Peptide (rat)	0
Calcitonin C-Terminal Flanking Peptide (human)	0