



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com



Cat. No. S-1167

α -Calcitonin Gene-Related Peptide (α -CGRP) (canine, mouse, rat)

SPECIFICATIONS: Formulated for extracted samples

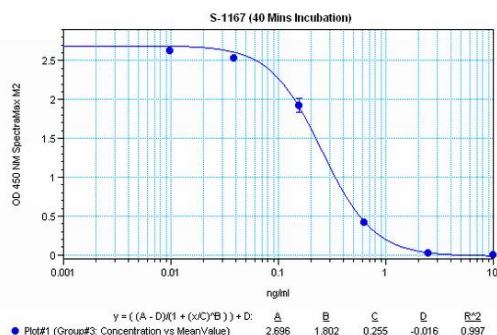
STANDARD: 1 μ g H-2265 H-Ser-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asp-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Glu-Ala-Phe-NH₂, (Disulfide bond)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.39 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 μ l stock + 990 μ l diluent
S2	2.50	Add 200 μ l S1 + 600 μ l diluent
S3	0.63	Add 200 μ l S2 + 600 μ l diluent
S4	0.16	Add 200 μ l S3 + 600 μ l diluent
S5	0.04	Add 200 μ l S4 + 600 μ l diluent
S6	0.01	Add 200 μ l S5 + 600 μ l diluent
S0	0.00	500 μ l diluent

CROSS REACTION:

PEPTIDE	%
α -CGRP (canine, mouse, rat)	100
α -CGRP (human)	14
β -CGRP (rat)	23
β -CGRP (human)	13
Amylin (rat)	0
Amylin (acid free) (human)	0
Calcitonin (rat)	<0.01
Somatostatin-14	0