



Peninsula Laboratories, LLC

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Cat. No. S-1199

α -Calcitonin Gene-Related Peptide (α -CGRP) (human)

SPECIFICATIONS: Formulated for extracted samples

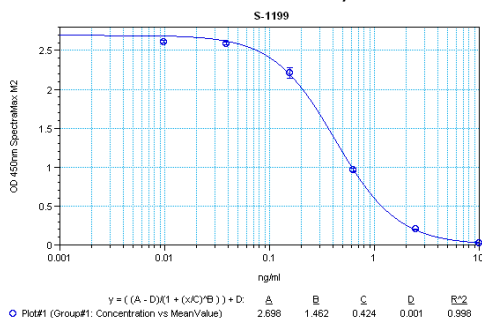
STANDARD: 1 μ g H-1470 H-Ala-Cys-Asp-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asn-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe-NH₂, (Disulfide bond)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.35 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 (human)	100
α -CGRP (8-37) (human)	100
CGRP (chicken)	100
α -CGRP (rat)	100
β -CGRP (human)	100
β -CGRP (rat)	100
Calcitonin (human)	0
Calcitonin C-Terminal Adjacent Peptide (rat)	0
Amylin (free acid) (human)	0
Amylin (human)	0
Amylin (free acid) (rat)	0
Substance P	0