



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-1198

EIA for α -Calcitonin Gene Related Peptide (α -CGRP) (human) (for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

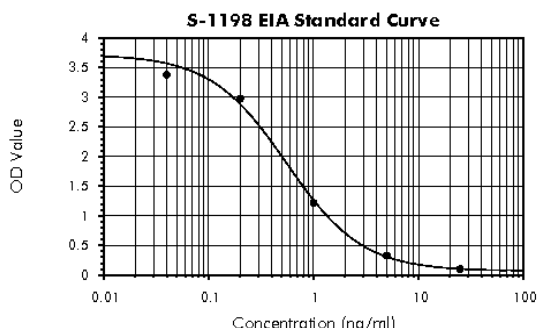
STANDARD: 1 μ g H-1470 H-Ala-Cys-Asp-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asn-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe-NH₂, (Disulfide bond)

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.6 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 μ l stock + 975 μ l diluent
S2	6.25	Add 200 μ l S1 + 600 μ l diluent
S3	1.56	Add 200 μ l S2 + 600 μ l diluent
S4	0.39	Add 200 μ l S3 + 600 μ l diluent
S5	0.10	Add 200 μ l S4 + 600 μ l diluent
S6	0.02	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