



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-1187

Amylin (human)

SPECIFICATIONS: Formulated for extracted samples

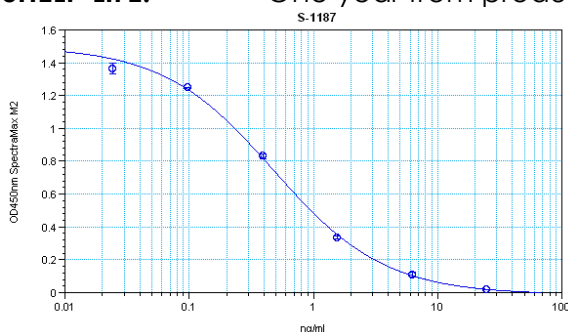
STANDARD: 1 µg H-7905 H-Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Val-His-Ser-Ser-Asn-Asn-Phe-Gly-Ala-Ile-Leu-Ser-Ser-Thr-Asn-Val-Gly-Ser-Asn-Thr-Tyr-NH₂, (Disulfide bond)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.7 ng/ml

SHELF-LIFE: One year from production date



$y = ((A - D) / (1 + (x/C)^B)) + D$
 S-1187 (Group#1: Concentration vs MeanValue)

A: 1.501
 B: 0.974
 C: 0.479
 D: -0.012
 R²: 0.998

Suggested Preparation of Standards

	ng/ml	Range: 0.02 to 25 ng/ml
Stock	1000	
S1	25.00	Add 25 µl stock + 975 µl diluent
S2	6.25	Add 200 µl S1 + 600 µl diluent
S3	1.56	Add 200 µl S2 + 600 µl diluent
S4	0.39	Add 200 µl S3 + 600 µl diluent
S5	0.10	Add 200 µl S4 + 600 µl diluent
S6	0.02	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE

%

Amylin (free acid) (human)	100
Amylin (human)	100
Amylin (rat)	100
Amylin (feline)	100
α-CGRP (rat)	75
α-CGRP (human)	1
Calcitonin (human)	0
NPY (porcine)	0
Pancreastatin (porcine)	0
VIP (human, bovine, rat, porcine)	0
Insulin (human)	0
Glucagon (1-29) (human, bovine, porcine)	0
Somatostatin-14	0
Pancreatic Polypeptide (human)	0
Proinsulin (human)	0