



## Peninsula Laboratories, LLC

A Member of the Bachem Group

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**Cat. No. S-2063**

**Amylin (human)**

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 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-NH<sub>2</sub>, (Disulfide bond)

|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| <b>TRACER:</b>                  | H-5112                                                   |
| <b>RANGE:</b>                   | 0.01-1.28 ng/ml (1-128 pg/tube)                          |
| <b>AVERAGE IC<sub>50</sub>:</b> | 0.22 ng/ml (22 pg/tube)                                  |
| <b>TEST CAPACITY:</b>           | 125 test tubes                                           |
| <b>ASSAY TIME:</b>              | 3 days                                                   |
| <b>SHELF LIFE:</b>              | Six weeks after date of preparation when stored at -20°C |

**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   |
| Neuropeptide Y (porcine)                 | 0   |
| Pancreastatin (1-49) (porcine)           | 0   |
| VIP (human, rat, bovine, porcine)        | 0   |
| Insulin (human)                          | 0   |
| Glucagon (1-29) (human, bovine, porcine) | 0   |
| Somatostatin-14                          | 0   |
| Pancreatic Polypeptide (human)           | 0   |
| Proinsulin (human)                       | 0   |