



Peninsula Laboratories International, Inc.

305 Old County Road, San Carlos, CA 94070
Tel: (650) 801-6090 Fax: (650) 595-4071



Cat. No. S-2170

Pancreastatin (human)/ Chromogranin A (250-301) amide (human)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 12.8 µg (Std not available separately) H-Gly-Glu-Ser-Arg-Ser-Glu-Ala-Leu-Ala-Val-Asp-Gly-Ala-Gly-Lys-Pro-Gly-Ala-Glu-Glu-Ala-Gln-Asp-Pro-Glu-Gly-Lys-Gly-Glu-Gln-Glu-His-Ser-Gln-Gln-Lys-Glu-Glu-Glu-Glu-Glu-Met-Ala-Val-Val-Pro-Gln-Gly-Leu-Phe-Arg-Gly-NH₂

TRACER: H-5604
RANGE: 0.01-1.28 ng/ml (1-128 pg/tube)
AVERAGE IC₅₀: 0.16 ng/ml (16 pg/tube)
TEST CAPACITY: 125 test tubes
ASSAY TIME: 3 days
SHELF LIFE: Six weeks after date of preparation when stored at -20°C

CROSS REACTION:

| PEPTIDE: | %: |
|---|-----------|
| Chromogranin A (250-301) amide (human) | 100 |
| Pancreastatin (porcine) | 100 |
| Pancreastatin (33-49) (porcine) | 100 |
| Chromogranin A (286-301) amide (human) | 91.4 |
| Chromogranin A (266-312) amide (bovine) | 1 |
| Chromogranin A (264-314) amide (rat) | 0 |
| Galanin (porcine) | 0 |
| Gastrin-1 (human) | 0 |
| Met-Enkephalin | 0 |
| Insulin (Human) | 0 |
| Pancreatic Polypeptide (avian) | 0 |
| Peptide YY (porcine, rat) | 0 |
| PHI-27 (porcine) | 0 |
| Substance P | 0 |
| [Arg ⁸]-Vasopressin | 0 |
| VIP (human, bovine, porcine, rat) | 0 |