



# Peninsula Laboratories, LLC

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## Cat. No. S-1262 Nicastrin (1-17) amide (human)

**SPECIFICATIONS:** Formulated for extracted samples

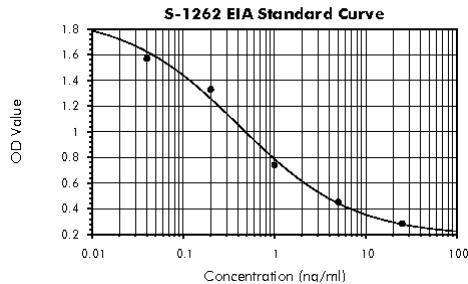
**STANDARD:** 1  $\mu$ g (not available separately) H-Asn-Ser-Val-Glu-Arg-Lys-Ile-Tyr-Ile-Pro-Leu-Asn-Lys-Thr-Ala-Pro-Cys-NH<sub>2</sub>

**PROTOCOL:** III (Std.Ab1hr.Bt)

**RANGE:** 0-10 ng/ml

**AVERAGE IC<sub>50</sub>:** 0.4 ng/ml

**SHELF-LIFE:** One year from production date



| Suggested Preparation of Standards |       |  |
|------------------------------------|-------|--|
|                                    | ng/ml | Range: 0.01 to 10 ng/ml                    |
| <b>Stock</b>                       | 1000  |  |
| <b>S1</b>                          | 10.00 | Add 10 $\mu$ l stock + 990 $\mu$ l diluent |
| <b>S2</b>                          | 2.50  | Add 200 $\mu$ l S1 + 600 $\mu$ l diluent   |
| <b>S3</b>                          | 0.63  | Add 200 $\mu$ l S2 + 600 $\mu$ l diluent   |
| <b>S4</b>                          | 0.16  | Add 200 $\mu$ l S3 + 600 $\mu$ l diluent   |
| <b>S5</b>                          | 0.04  | Add 200 $\mu$ l S4 + 600 $\mu$ l diluent   |
| <b>S6</b>                          | 0.01  | Add 200 $\mu$ l S5 + 600 $\mu$ l diluent   |
| <b>S0</b>                          | 0.00  | 500 $\mu$ l diluent                        |

### CROSS REACTION:

| PEPTIDE                         | %   |
|---------------------------------|-----|
| Nicastrin (1-17) amide (human)  | 100 |
| Nicastrin (656-676) (human)     | 0   |
| Amyloid $\beta$ -Protein (1-40) | 0   |
| humanin (human)                 | 0   |