



Peninsula Laboratories, LLC

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Cat. No. S-1193

C-Type Natriuretic Peptide (CNP) (32-53) (human, rat, porcine)

SPECIFICATIONS: Formulated for extracted samples

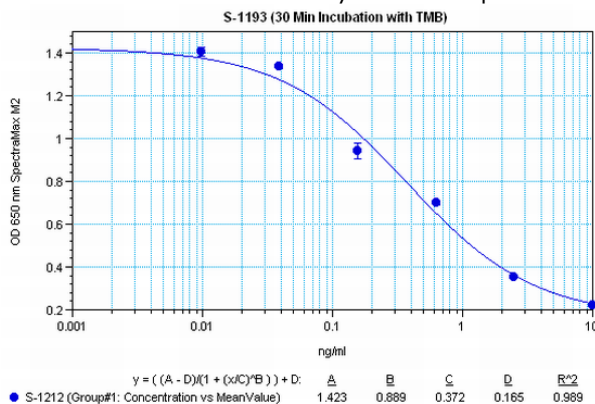
STANDARD: 1 µg H-1296 H-Gly-Leu-Ser-Lys-Gly-Cys-Phe-Gly-Leu-Lys-Leu-Asp-Arg-Ile-Gly-Ser-Met-Ser-Gly-Leu-Gly-Cys-OH, (Disulfide bond)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.34 ng/ml

SHELF-LIFE: One year from production date



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

CROSS REACTION:

| PEPTIDE | % |
|---|-----|
| CNP (32-53) (human, rat, porcine) | 100 |
| CNP (1-53) (rat, porcine) | 100 |
| CNP (1-29) (rat, porcine) | 0 |
| BNP-32 (rat) | 0 |
| BNP-45 (rat) | 0 |
| BNP-26 (porcine) | 0 |
| ANF (1-28) (human) | 0 |
| ANF (1-28) (rat) | 0 |
| Thr-Ala-Pro-Arg-Atrial Natriuretic Factor (1-28) (human) | 0 |
| Endothelin-1 (human, canine, porcine, rat, mouse, bovine) | 0 |
| Angiotensin II | 0 |
| Substance P | 0 |