



# Peninsula Laboratories, LLC

A Member of the Bachem Group

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## Cat. No. S-1191 BNP-32 (porcine)

**SPECIFICATIONS:** Formulated for extracted samples

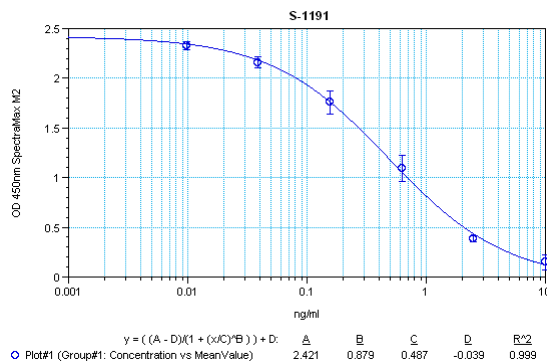
**STANDARD:** 1 µg H-2952 H-Ser-Pro-Lys-Thr-Met-Arg-Asp-Ser-Gly-Cys-Phe-Gly-Arg-Arg-Leu-Asp-Arg-Ile-Gly-Ser-Leu-Ser-Gly-Leu-Gly-Cys-Asn-Val-Leu-Arg-Arg-Tyr-OH, (Disulfide bond)

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

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

**AVERAGE IC<sub>50</sub>:** 0.45 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                                                   | %   |
|-----------------------------------------------------------|-----|
| BNP-32 (porcine)                                          | 100 |
| BNP-26 (porcine)                                          | 100 |
| BNP-32 (canine)                                           | 100 |
| ANF (1-28) (human)                                        | 0.1 |
| BNP-32 (human)                                            | 0   |
| BNP-45 (rat)                                              | 0   |
| BNP-32 (rat)                                              | 0   |
| CNP (1-29) (porcine)                                      | 0   |
| CNP (32-53) (porcine)                                     | 0   |
| Endothelin-1 (human, porcine, canine, rat, mouse, bovine) | 0   |