



## Peninsula Laboratories, LLC

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**Cat. No. S-2079**

### **Brain Natriuretic Peptide-45 (BNP-45) (rat)**

**SPECIFICATIONS:** Formulated for extracted samples

**STANDARD:** 12.8 µg H-8035 H-Ser-Gln-Asp-Ser-Ala-Phe-Arg-Ile-Gln-Glu-Arg-Leu-Arg-Asn-Ser-Lys-Met-Ala-His-Ser-Ser-Ser-Cys-Phe-Gly-Gln-Lys-Ile-Asp-Arg-Ile-Gly-Ala-Val-Ser-Arg-Leu-Gly-Cys-Asp-Gly-Leu-Arg-Leu-Phe-OH, (Disulfide bond)

**TRACER:** H-5164

**RANGE:** 0.01-1.28 ng/ml (1-128 pg/tube)

**AVERAGE IC<sub>50</sub>:** 0.14 ng/ml (14 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:**

| <b>PEPTIDE:</b>                                         | <b>%:</b> |
|---------------------------------------------------------|-----------|
| BNP-45 (rat)                                            | 100       |
| BNP-32 (rat)                                            | 100       |
| BNP-32 (10-32) (rat)                                    | 100       |
| BNP-26 (porcine)                                        | 0         |
| BNP-32 (human)                                          | 0         |
| Prepro-BNP (1-23) (rat)                                 | 0         |
| Prepro-BNP (24-45) (rat)                                | 0         |
| Angiotensin II                                          | 0         |
| ANF (1-28) (rat)                                        | 0         |
| ANF (1-28) (human)                                      | 0         |
| Endothelin-1 (human, bovine, dog, mouse, porcine, rat)) | 0         |