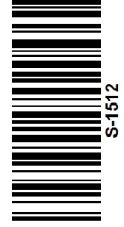




# Peninsula Laboratories International, Inc.

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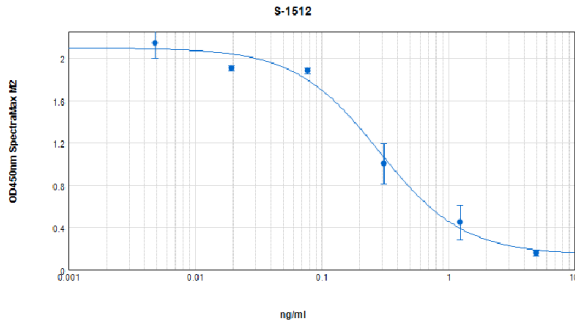
## Cat. No. S-1512 C-Type Natriuretic Peptide (CNP) (32-53) (human, rat, porcine)

(for human serum and plasma samples)

**SPECIFICATIONS:** Extraction-free kit for human serum/plasma

**STANDARD:** 1ug 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:** V (Ab1hr.Std2hr.BtON)  
**RANGE:** 0-5 ng/ml  
**AVERAGE IC<sub>50</sub>:** 0.3 ng/ml  
**SHELF-LIFE:** One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.00 to 5 ng/ml
<b>Stock</b>	1000	
<b>S1</b>	5.00	Add 5 µl stock + 995 µl diluent
<b>S2</b>	1.25	Add 200 µl S1 + 600 µl diluent
<b>S3</b>	0.31	Add 200 µl S2 + 600 µl diluent
<b>S4</b>	0.08	Add 200 µl S3 + 600 µl diluent
<b>S5</b>	0.02	Add 200 µl S4 + 600 µl diluent
<b>S6</b>	0.00	Add 200 µl S5 + 600 µl diluent
<b>S0</b>	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