



Peninsula Laboratories, LLC

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Cat. No. S-1131

Atrial Natriuretic Factor (ANF) (1-28) (human, bovine, porcine)

SPECIFICATIONS: Formulated for extracted samples

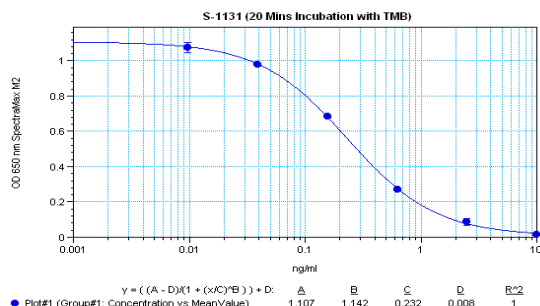
STANDARD: 1 µg H-2095 H-Ser-Leu-Arg-Arg-Ser-Ser-Cys-Phe-Gly-Gly-Arg-Met-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH (Disulfide bond)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.2 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

	%
Atrial Natriuretic Factor (ANF) (1-28) (human, bovine, porcine)	100
ANF (1-28) (mouse, rabbit, rat)	100
ANF (8-33) (rat)	100
Atriopeptin III (rat)	100
ANF (1-28) (Dimer, Antiparallel) (human)	100
Thr-Ala-Pro-Arg-Atrial Natriuretic Factor (1-28) (human)	100
Atrial Natriuretic Peptide (126-149) (rat)	100
ANF (4-28) (frog)	0.4
BNP-26 (porcine)	<0.1
ANF (1-11) (human)	0
Prepro-ANF (26-50) (human)	0
Endothelin-1 (human, bovine, canine, mouse, porcine, rat)	0
BNP-32 (human)	0
BNP-45 (rat)	0
CNP (32-53) (human, porcine, rat)	0