



Peninsula Laboratories, LLC

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Cat. No. S-1171

Endothelin-1 (human, bovine, dog, mouse, porcine, rat)

SPECIFICATIONS: Formulated for extracted samples

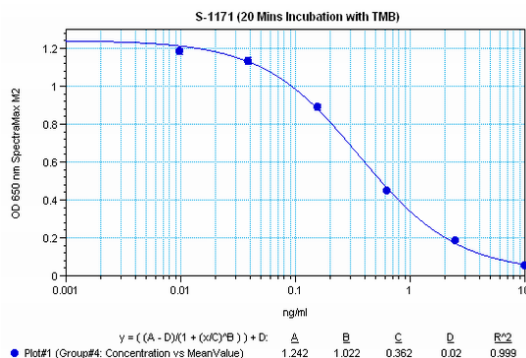
STANDARD: 1 µg H-6995 H-Cys-Ser-Cys-Ser-Ser-Leu-Met-Asp-Lys-Glu-Cys-Val-Tyr-Phe-Cys-His-Leu-Asp-Ile-Ile-Trp-OH, (Disulfide bonds between Cys1 and Cys15/Cys3 and Cys11)

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.26 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

%

Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	100
Endothelin-2 (human, canine)	100
Big Endothelin-1 (human)	100
Endothelin-3 (human, rat, porcine, rabbit)	0.005
Big Endothelin-1 (porcine)	100
ANF (1-28) (human)	<0.01
BNP-32 (human)	0
Angiotensin II	0
(Arg ⁸)-Vasopressin	0
VIP (human, bovine, porcine, rat)	0