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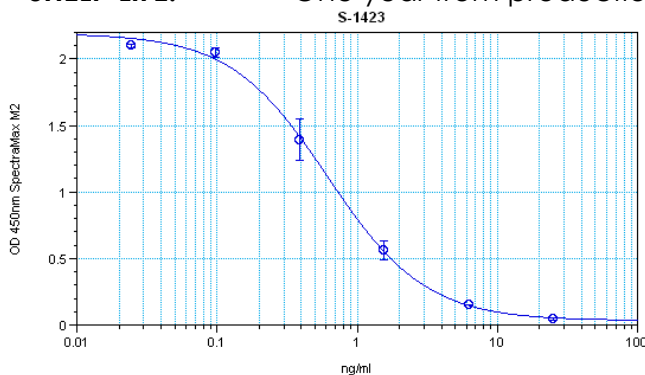


Cat. No. S-1423 Adrenomedullin (rat)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 1 µg H-2934 H-Tyr-Arg-Gln-Ser-Met-Asn-Gln-Gly-Ser-Arg-Ser-Thr-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Met-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Gly-Met-Ala-Pro-Arg-Asn-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH₂, (Disulfide bond)

PROTOCOL: III (Std.Ab1hr.Bt)
RANGE: 0-25 ng/ml
AVERAGE IC₅₀: 0.65 ng/ml
SHELF-LIFE: One year from production date



$y = ((A - D)/(1 + (x/C)^B)) + D$
S-1423 (Group#1: Concentration vs MeanValue) A: 2.194 B: 1.247 C: 0.617 D: 0.032 R²: 0.999

Suggested Preparation of Standards		
	ng/ml	Range: 0.02 to 25 ng/ml
Stock	1000	
S1	25.00	Add 25 µl stock + 975 µl diluent
S2	6.25	Add 100 µl S1 + 300 µl diluent
S3	1.56	Add 100 µl S2 + 300 µl diluent
S4	0.39	Add 100 µl S3 + 300 µl diluent
S5	0.10	Add 100 µl S4 + 300 µl diluent
S6	0.02	Add 100 µl S5 + 300 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE	%
Adrenomedullin (rat)	100
Adrenomedullin (human)	0
Proadrenomedullin (1-20) (human)	0
Proadrenomedullin (1-20) (rat)	0
Amylin (free acid) (human)	0
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	0