



Peninsula Laboratories, LLC

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Cat. No. S-1212

Growth Hormone Releasing Factor (1-43) (rat)

SPECIFICATIONS: Formulated for extracted samples

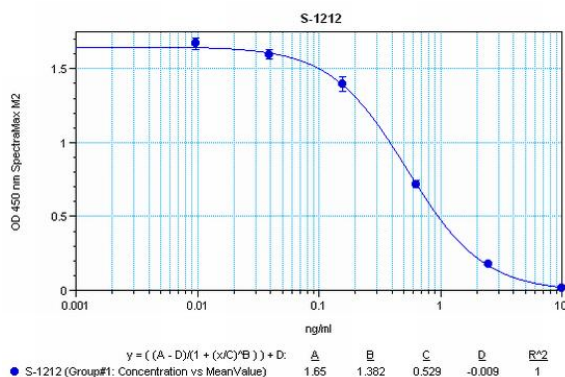
STANDARD: 1 µg H-5440 H-His-Ala-Asp-Ala-Ile-Phe-Thr-Ser-Ser-Tyr-Arg-Arg-Ile-Leu-Gly-Gln-Leu-Tyr-Ala-Arg-Lys-Leu-Leu-His-Glu-Ile-Met-Asn-Arg-Gln-Gln-Gly-Glu-Arg-Asn-Gln-Glu-Gln-Arg-Ser-Arg-Phe-Asn-OH

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.5 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

%

GRF (1-43) (rat)	100
GRF (1-44) (human)	100
GRF (1-44) (porcine)	0
GRF (1-44) (bovine)	0
GRF (1-44) (ovine)	0
GRF (1-42) (mouse)	0
VIP (human, bovine, porcine, rat)	0
PHI-27 (rat)	0
PTH (1-34) (human)	0