



Peninsula Laboratories, LLC
A Member of the Bachem Group
 305 Old County Road, San Carlos, CA 94070
 Tel: (800) 922-1516 • (650) 592-5392
 Fax: (650) 595-4071
 www.bachem.com

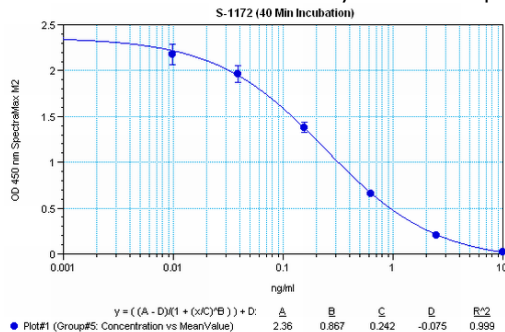


Cat. No. S-1172
Growth Hormone Releasing Factor (GRF) (human)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 1 µg H-3695 H-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH₂

PROTOCOL: III (Std.Ab1hr.Bt)
RANGE: 0-10 ng/ml
AVERAGE IC₅₀: 0.34 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 (human)	100
GRF (porcine)	100
GRF (rat)	100
GRF (bovine)	100
GRF (ovine, caprine)	100
GRF (1-40) (human)	100
GRF (1-37) (human)	80
GRF (1-29) amide (human)	30
GRF (30-44) (human)	0
VIP (human, bovine, porcine, rat)	0
human Growth Hormone	0
Secretin (human)	0
GIP	0