



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

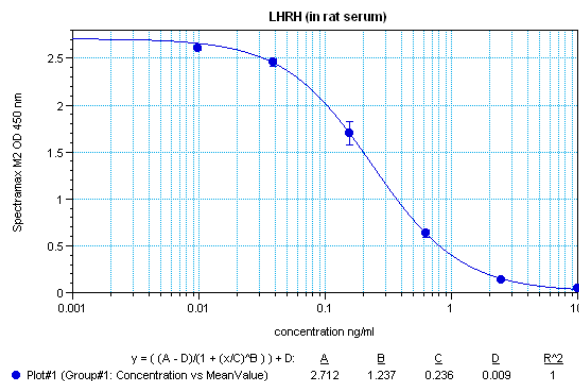


Cat. No. S-1351
Luteinizing Hormone-Releasing Hormone (LHRH)
(For rat serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for rat serum/plasma

STANDARD: 1 µg H-4005 Pyr-His-Trp-Ser-Tyr-Gly-Leu-Arg-Pro-Gly-NH₂

PROTOCOL: V (Ab1hr.Std2hr.BtON)
RANGE: 0-10 ng/ml
AVERAGE IC₅₀: 0.25 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	%
LHRH	100
LHRH (lamprey)	0.1
[D-Trp ⁶ , Des-Gly ¹⁰]-LHRH Ethylamide	0.1
LHRH (salmon)	0.002
[D-Ala ⁶ , Des-Gly ¹⁰]-LHRH Ethylamide	0.001
GnRH Precursor Peptide (14-69) (human)	0
GRF (human)	0
ACTH (1-39) (human)	0