



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-1144

EIA for (Des-Gly¹⁰, D-Leu⁶, Pro-NHET⁹)-LHRH (Leuprolide) (for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

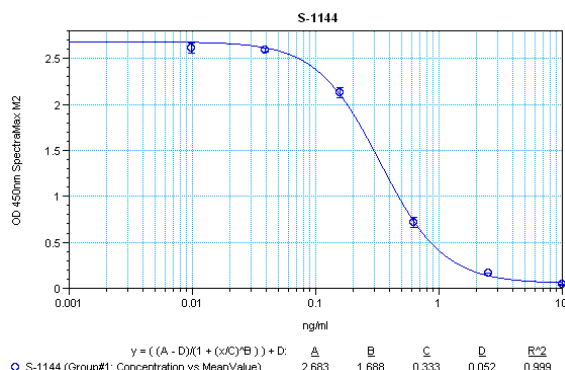
STANDARD: 1 µg H-4060 Pyr-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHET

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.3 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	%
(Des-Gly ¹⁰ , D-Leu ⁶ , Pro-NHET ⁹)-LHRH (Leuprolide)	100
(Des-Gly ¹⁰ , D-Trp ⁶ , Pro-NHET ⁹)-LHRH (Deslorelin)	100
LHRH	0
LHRH (lamprey)	0
LHRH (salmon)	0
LHRH (chicken)	0
[D-Ala ⁶]-LHRH	0
[D-Phe ² , Pro ³ , D-Phe ⁶]-LHRH	0
[D-Phe ^{1,2} , D-Trp ^{3,6}]-LHRH	0