



BMA BIOMEDICALS



Peninsula Laboratories

(Des-Gly10, D-Ser-(tBu)6, Pro-NHEt9) - LHRH (Buserelin) ELISA

(Des-Gly10, D-Ser-(tBu)6, Pro-NHEt9) - LHRH (Buserelin) is a synthetic peptide analog of the luteinizing hormone-releasing hormone (LHRH) agonist, which stimulates the pituitary gonadotrophin-releasing hormone receptor (GnRHR). It is used in prostate cancer treatment.

This ELISA was developed with serum from rabbits immunized with (Des-Gly10, D-Ser-(tBu)6, Pro-NHEt9) - LHRH (Buserelin) coupled to a carrier protein.

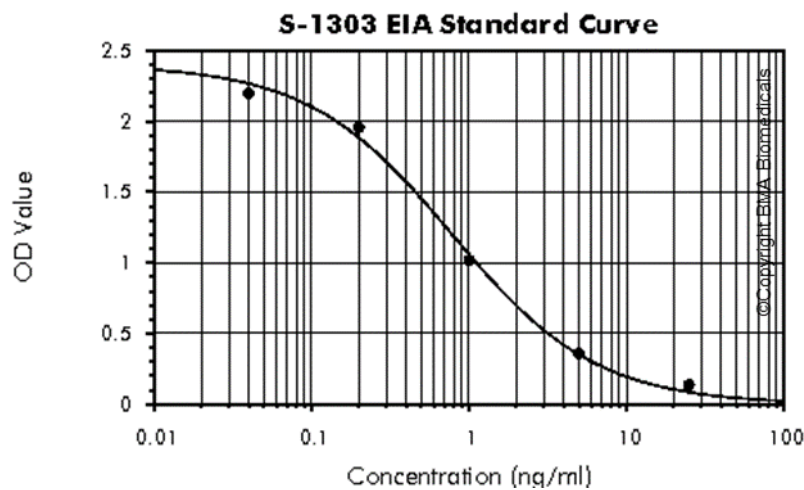
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product number:	S-1303 (Lot A17946)
Host species:	Rabbit IgG
Quantity:	96 tests
Format:	Formulated for extracted samples (EIAH type).
Shelf-life:	One year from date of purchase. Store refrigerated at 4° - 8°C.
Applications:	This ELISA has been validated with the included reagents. It is intended to be used with appropriately extracted samples, following protocol III. Please see www.bma.ch for protocols and general information.
Range:	0 - 25 ng/ml
Average IC₅₀:	1.0 ng/ml
Immunogen:	Synthetic peptide Pyr-His-Trp-Ser-Tyr-D-Ser(tBu)-Leu-Arg-Pro-NHEt coupled to carrier protein.
Protein database:	human-P22888

Cross-Reactivity:

PEPTIDE	%
Buserelin	100
Leuprolide	3
LHRH	2
Deslorelin	2
Histrelin	0

Typical titration curve of Buserelin in a competitive ELISA with this antibody:



Suggested Preparation of Standards		
	ng/ml	Range: 0.02 to 25ng/ml
Stock	1000	
S1	25.00	Add 25µl Stock + 975µl diluent
S2	6.25	Add 200µl S1 + 600µl diluent
S3	1.56	Add 200µl S2 + 600µl diluent
S4	0.39	Add 200µl S3 + 600µl diluent
S5	0.10	Add 200µl S4 + 600µl diluent
S6	0.02	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

Related Products:

T-4855: Rabbit anti Buserelin, purified IgG

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.