



BMA BIOMEDICALS



Peninsula Laboratories

S-1431

Ganirelix ELISA

Ganirelix is a synthetic decapeptide with high antagonist activity against naturally occurring gonadotropin-releasing hormone (GnRH). It directly competes with the GnRH for receptor binding in the anterior pituitary gland, inducing a rapid and reversible suppression of the release of follicle stimulating hormone (FSH) and luteinizing hormone (LH). Ganirelix is used to inhibit premature LH surges in women undergoing controlled ovarian hyperstimulation, and for retrieval of the mature follicles for in-vitro fertilization.

This ELISA was developed with serum from rabbits immunized with Ganirelix coupled to a carrier protein.

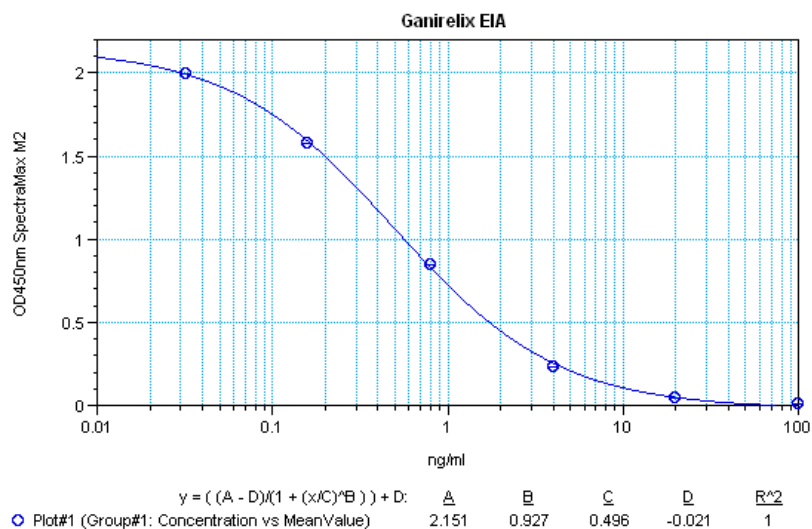
TECHNICAL AND ANALYTICAL CHARACTERISTICS

- Lot number:** A18177
Host species: Rabbit IgG
Quantity: 96 tests
Format: Formulated for extracted samples (EIAH type).
Shelf-life: One year from production date. 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 (original protocol III, Std.Ab1hr.Bt). For research use only.
Please see www.bma.ch for protocols and general information.
Range: 0-30ng/ml
Average IC50: 0.5ng/ml
Immunogen: Synthetic peptide X-X-X-Ser-Tyr-X-Leu-X-Pro-Ala coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Ganirelix	100
Cetrorelix	100
LHRH	0

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



Suggested Preparation of Standards		
	ng/ml	Range: 0.03 to 30ng/ml
Stock	1000	
S1	30.00	Add 30µl Stock + 970µl diluent
S2	7.50	Add 200µl S1 + 600µl diluent
S3	1.88	Add 200µl S2 + 600µl diluent
S4	0.47	Add 200µl S3 + 600µl diluent
S5	0.12	Add 200µl S4 + 600µl diluent
S6	0.03	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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EIAH

22.9.2020