BMA BIOMEDICALS

Peninsula Laboratories

Galanin-Like Peptide (GALP) (porcine) ELISA

Galanin-Like Peptide (GALP) is a 60-amino acid neuropeptide present in humans and other mammals. It is produced in the arcuate nucleus of the hypothalamus and the posterior pituitary gland. Galanin-Like Peptide is involved in the regulation of appetite and may also have other roles such as in inflammation, sex behavior, and stress.

This ELISA was developed with serum from rabbits immunized with Galanin-Like Peptide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product number: S-1411 (Lot A17557)

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 IC_{50}: 5.0 ng/ml

Immunogen: Synthetic peptide H-Ala-Pro-Val-His-Arg-Gly-Arg-Gly-Gly-Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly-Pro-Val-Leu-His-Pro-Pro-Ser-Arg-Ala-Glu-Gly-Gly-Gly-Lys-Gly-Lys-Thr-Ala-Leu-Gly-Ile-Leu-Asp-Leu-Trp-Lys-Ala-Ile-Asp-Gly-Leu-Pro-Tyr-Pro-Gln-Ser-Gln-Leu-Ala-Ser-OH coupled to carrier protein.

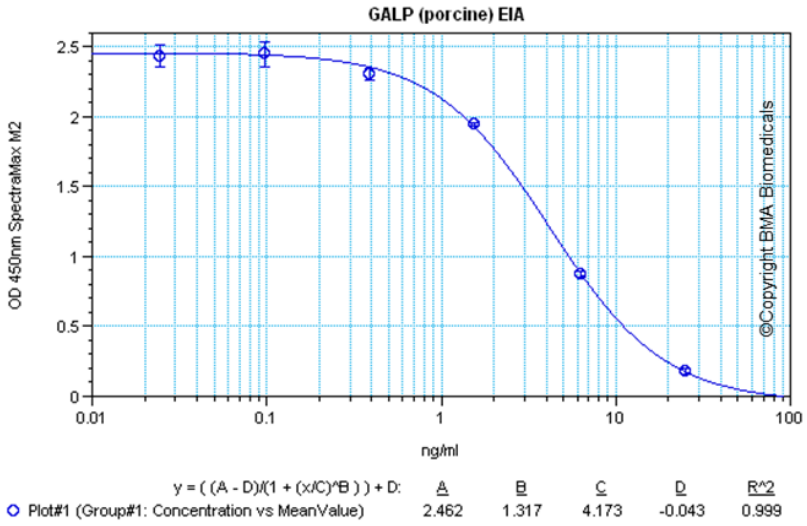
Protein database: porcine-Q9TT95

Cross-Reactivity:

PEPTIDE	%
Galanin-Like Peptide (GALP) (porcine)	100
Galanin-Like Peptide (GALP) (rat)	94
Galanin-Like Peptide (GALP) (human)	21

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Typical titration curve of Galanin-Like Peptide 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-4334: anti Galanin, neat antiserum, (ms, rt)
T-4330: anti Galanin, neat antiserum, (po)
T-4862: anti Galanin-Like Peptide, purified IgG, (hu)
T-4332: anti Galanin, diluted antiserum, (ms, rt)
T-4328: anti Galanin, diluted antiserum, (po)
T-4833: anti Galanin, purified IgG, (ms, rt)

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

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