



BMA BIOMEDICALS



Peninsula Laboratories

S-1327

Hemopressin (human, bovine, porcine) ELISA

Hemopressin is an alpha hemoglobin fragment originally identified in extracts of rat brain using an enzyme capture technique. It binds cannabinoid receptors, acting as an inverse agonist at CB1 receptors. Longer forms of hemopressin containing 2-3 additional amino acids on the N-terminus have been identified in extracts of mouse brain. Hemopressin peptide reduces sensitivity to painful stimuli in an experimental model of hyperalgesia. Also, it reduces food intake in mice.

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

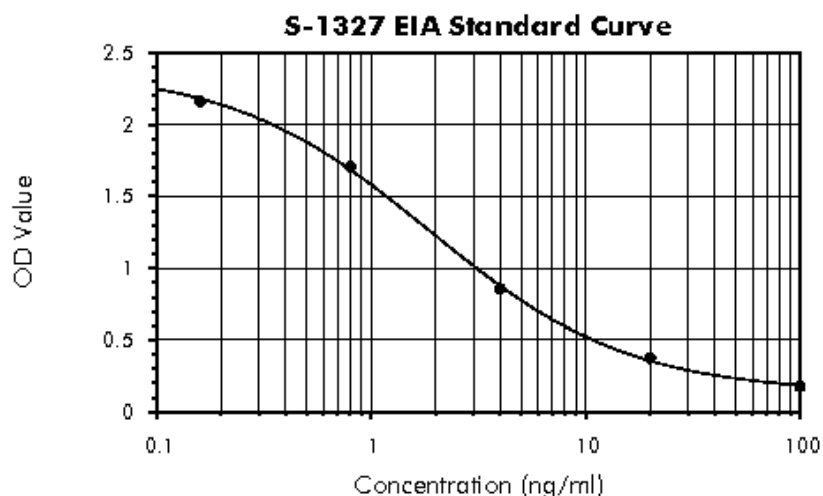
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A14636
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:	0-100ng/ml
Average IC50:	2ng/ml
Immunogen:	Synthetic peptide H-Pro-Val-Asn-Phe-Lys-Leu-Leu-Ser-His-OH coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Hemopressin (human, bovine, porcine)	100
Extracellular Death Factor (EDF) <i>E. coli</i>	0

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



Suggested Preparation of Standards		
	ng/ml	Range: 0.10 to 100ng/ml
Stock	1000	
S1	100.00	Add 100µl Stock + 900µl diluent
S2	25.00	Add 200µl S1 + 600µl diluent
S3	6.25	Add 200µl S2 + 600µl diluent
S4	1.56	Add 200µl S3 + 600µl diluent
S5	0.39	Add 200µl S4 + 600µl diluent
S6	0.10	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

Related Products: T-4863: Rabbit anti Hemopressin (hu, bo, po), purified IgG

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

1.3.2021