



BMA BIOMEDICALS



Peninsula Laboratories

S-1255

Kisspeptin-13 (4-13) (human) ELISA [UniProt: Q15726]

Kisspeptin-13 is an amino acid peptide which derives from the proteolytic cleavage of Kisspeptin-145, encoded by the KISS-1 gene located on the chromosome 1. It has been recently reported that it could mitigate memory impairment induced by A β 1-42 in mice and it may be used as a potential drug for enhancing memory and treating Alzheimer's disease.

This ELISA was developed with serum from rabbits immunized with Kisspeptin-13 coupled to a carrier protein.

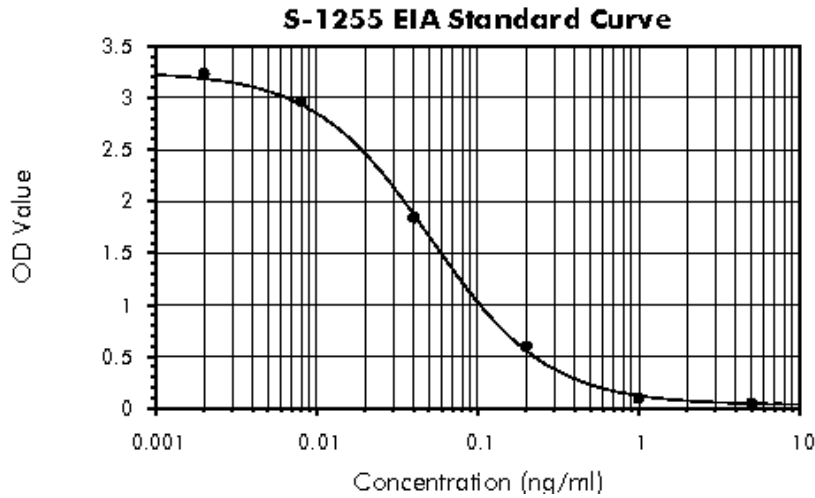
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A17849
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:	0-5ng/ml
Average IC50:	0.05ng/ml
Immunogen:	Synthetic peptide H-Tyr-Asn-Trp-Asn-Ser-Phe-Gly-Leu-Arg-Phe-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Kisspeptin-13 (4-13) (human)	100
Kisspeptin-54 (human)	100
Kisspeptin-54 (27-54) (human)	100
Antho-Rwamide I	0
Antho-RWamide II	0

Typical titration curve of Kisspeptin-13 in a competitive ELISA with this antibody:



Suggested Preparation of Standards		
	ng/ml	Range: 0.00 to 5ng/ml
Stock	1000	
S1	5.00	Add 5µl Stock + 995µl diluent
S2	1.25	Add 200µl S1 + 600µl diluent
S3	0.31	Add 200µl S2 + 600µl diluent
S4	0.08	Add 200µl S3 + 600µl diluent
S5	0.02	Add 200µl S4 + 600µl diluent
S6	0.00	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

Related Products:

T-4775: anti Kisspeptin-13, purified IgG
 T-4771: anti Kisspeptin-13, neat antiserum
 T-4774: anti Kisspeptin-13, diluted antiserum
 S-1308: ELISA, high sensitivity for extracted human samples

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 – hu

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