



BMA BIOMEDICALS



Peninsula Laboratories

S-1239

(Arg 8)-Vasotocin ELISA

(Arg 8)-Vasotocin, also named argiprestocin, is a nonapeptide that contains the ring of Oxytocin and the side chain of Arg-Vasopressin with the latter determining the specific recognition of hormone receptors. It shows antidiuretic activity, regulating water and salt metabolism, as well as reproductive activities.

This ELISA was developed with serum from rabbits immunized with (Arg 8)-Vasotocin coupled to a carrier protein.

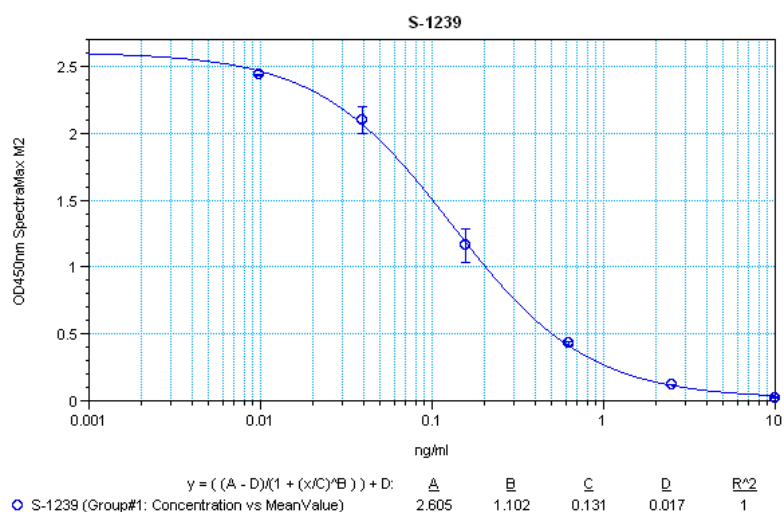
TECHNICAL AND ANALYTICAL CHARACTERISTICS

- Lot number:** A00497
- 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:** 0-10ng/ml
- Average IC50:** 0.17ng/ml
- Immunogen:** Synthetic peptide H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Arg-Gly-NH₂, (Disulfide bond) coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
(Arg ⁸)-Vasotocin	100
(Arg ⁸)-Vasopressin	100
(Lys ⁸)-Vasopressin	0
Oxytocin	0
LHRH	0
ACTH (1-39) (human)	0
Met-Enkephalin	0
PACAP-38 (ovine, human, rat, mouse, porcine)	0
PACAP-27 (rat, ovine, human, mouse, porcine)	0

Typical titration curve of (Arg 8)-Vasotocin in a competitive ELISA with this antibody:



Suggested Preparation of Standards		
	ng/ml	Range: 0.01 to 10ng/ml
Stock	1000	
S1	10.00	Add 10µl Stock + 990µl diluent
S2	2.50	Add 200µl S1 + 600µl diluent
S3	0.63	Add 200µl S2 + 600µl diluent
S4	0.16	Add 200µl S3 + 600µl diluent
S5	0.04	Add 200µl S4 + 600µl diluent
S6	0.01	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

Related Products:

- T-4563: neat antiserum
- T-4561: diluted antiserum
- T-4562: purified IgG
- S-1233: ELISA, high sensitivity for extracted samples (EIAH)
- S-1358: ELISA, extraction-free for rat samples (EIAS-r)

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