



BMA BIOMEDICALS



Peninsula Laboratories

S-1234

(D-Arg⁸)-Vasopressin ELISA

Intraamniotic arginine vasopressin is absorbed into fetal plasma; however, fetal antidiuretic responses may be obscured by vasoconstrictor (V1 receptor) actions of arginine vasopressin. Administration of deamino(D-Arg⁸)-vasopressin, a specific V2 receptor agonist on fetal plasma arginine vasopressin immunoreactivity, may help on fetal urine output and swallowing.

This ELISA was developed with serum from rabbits immunized with (D-Arg⁸)-Vasopressin coupled to a carrier protein.

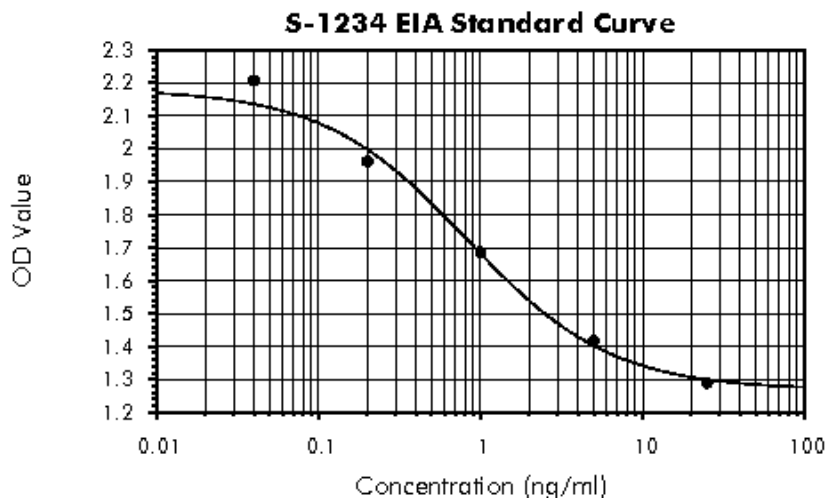
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A12871
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:	0-25ng/ml
Average IC50:	0.83ng/ml
Immunogen:	Synthetic peptide H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-D-Arg-Gly-NH ₂ (Disulfide bond) coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
(D-Arg ⁸)-Vasopressin	100
Deamino-(Cys ¹ , D-Arg ⁸)-Vasopressin	100
(Arg ⁸)-Vasopressin	0
(Arg ⁸)-Vasotocin	0
(Lys ⁸)-Vasopressin	0
Oxytocin	0

Typical titration curve of (D-Arg⁸)-Vasopressin 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-4563: neat antiserum
T-4561: diluted antiserum
T-4562: purified IgG
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