



BMA BIOMEDICALS



Peninsula Laboratories

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## S-1234

### (D-Arg<sup>8</sup>)-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-Arg<sup>8</sup>)-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-Arg<sup>8</sup>)-Vasopressin coupled to a carrier protein.

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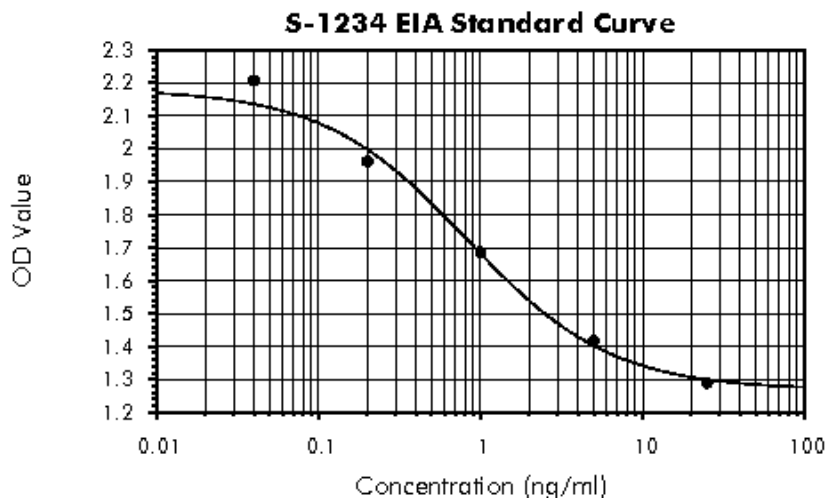
### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A12871
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	96 tests
<b>Format:</b>	Formulated for extracted samples (EIAH type).
<b>Shelf-life:</b>	One year from production date. Store refrigerated at 4° - 8°C.
<b>Applications:</b>	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 <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Range:</b>	0-25ng/ml
<b>Average IC50:</b>	0.83ng/ml
<b>Immunogen:</b>	Synthetic peptide H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-D-Arg-Gly-NH <sub>2</sub> (Disulfide bond) coupled to carrier protein.

#### Cross-Reactivity:

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

Typical titration curve of (D-Arg<sup>8</sup>)-Vasopressin in a competitive ELISA with this antibody:



<b>Suggested Preparation of Standards</b>		
	ng/ml	Range: 0.02 to 25ng/ml
<b>Stock</b>	1000	
<b>S1</b>	25.00	Add 25µl Stock + 975µl diluent
<b>S2</b>	6.25	Add 200µl S1 + 600µl diluent
<b>S3</b>	1.56	Add 200µl S2 + 600µl diluent
<b>S4</b>	0.39	Add 200µl S3 + 600µl diluent
<b>S5</b>	0.10	Add 200µl S4 + 600µl diluent
<b>S6</b>	0.02	Add 200µl S5 + 600µl diluent
<b>S0</b>	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)

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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

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