



BMA BIOMEDICALS



Peninsula Laboratories

T-4565

Rabbit anti (D-Arg⁸)-Vasopressin

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 antibody was generated by immunization of rabbits with (D-Arg⁸)-Vasopressin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	971114-1
Host species:	Rabbit IgG
Quantity:	50ml diluted antiserum, lyophilized
Format:	Each vial contains enough antiserum for 500 RIA tubes. The powder should be rehydrated with 50ml RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4°C. This should ensure antibody stability for approximately one month.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against (D-Arg ⁸)-Vasopressin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-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
[Lys ⁸]- Vasopressin	0
[Arg ⁸]- Vasotocin	0
Oxytocin	0
[d(CH ₂) ₅ ¹ ,D-Ile ² ,Ile ⁴ ,Arg ⁸]-Vasopressin	0

Related Products: T-4566: Rabbit anti (D-Arg8)-Vasopressin, neat antiserum
T-4562: Rabbit anti (D-Arg8)-Vasopressin, purified IgG
T-5048: Guinea pig anti (Arg8)-Vasopressin, neat antiserum
S-1234: ELISA, high sensitivity for extracted samples
S-1357: ELISA, extraction-free for human samples
S-1358: ELISA, extraction-free for rat 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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diluted antiserum

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