



BMA BIOMEDICALS



Peninsula Laboratories

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

Catalog Number:	T-4565 (Lot 971114-1)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock 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. Reconstitute by adding 1.0 ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
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

Applications:

Tested in ELISA against (D-Arg⁸)-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 **bma.ch** for protocols and general information.

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 serum and plasma samples
S-1358: ELISA, extraction-free for rat serum and plasma samples

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.