



BMA BIOMEDICALS



Peninsula Laboratories

T-4562

Rabbit anti (Arg⁸)-Vasopressin

(Arg⁸)-Vasopressin or argipressin is an antidiuretic peptide hormone that plays a key role in maintaining plasma osmolality. The peptide released from the posterior pituitary gland promotes renal tubular reabsorption of water. In high concentration, it also raises blood pressure by inducing moderate vasoconstriction. Argipressin is involved in the control of circadian rhythm, thermoregulation, and ACTH release in the brain.

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

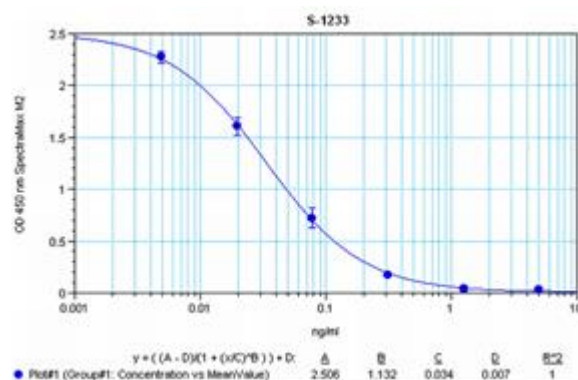
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A07166
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the stock solution by freezing aliquots of the stock solution at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against (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:	%:
[Arg ⁸]-Vasopressin	100
[[D(CH ₂) ₅ ¹ , D-Ile ² , Ile ⁴ , Arg ⁸]-Vasopressin	100
[Arg ⁸]-Vasotocin	100
[Lys ⁸]-Vasopressin	38
[Desamino-Cys ¹ , D-Arg ⁸]-Vasopressin	0.8
Vasopressin	0
Pressinoic Acid	0
ANF (1-28) (human)	0
Oxytocin	0
ACTH (1-39) (human)	0
LHRH	0
Met-Enkephalin	0
PACAP 38 (human, mouse, ovine, porcine, rat)	0
PACAP 27 (human, mouse, ovine, porcine, rat)	0

Typical titration curve of (Arg⁸)-Vasopressin in a competitive ELISA with this antibody:



Related Products:

T-4563: neat antiserum
T-5048: neat antiserum, host: guinea pig
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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rabbit IgG

22.04.2020