



Vasopressin (Arg)

Catalog number

V2120-01D

Supplier

United States Biological

Arginine vasopressin (AVP), also known as vasopressin, argipressin or antidiuretic hormone (ADH), is a hormone found in most mammals, including humans. Vasopressin is a peptide hormone that controls the reabsorption of molecules in the tubules of the kidneys by affecting the tissue's permeability. It also increases peripheral vascular resistance, which in turn increases arterial blood pressure. It plays a key role in homeostasis, and the regulation of water, glucose, and salts in the blood. It is derived from a prehormone precursor that is synthesized in the hypothalamus and stored in vesicles at the posterior pituitary. Most of it is stored in the posterior pituitary to be released into the bloodstream. However, some AVP is also released directly into the brain.

Applications

Suitable for use in ELISA. Other applications not tested.

Recommended Dilutions

ELISA: 1ug/ml

Optimal dilutions to be determined by the researcher.

Source

Cell culture

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Synthetic human (Arg8)-Vasopressin, bTG conjugated (CYFQNCPRG).

Formulation

Supplied as a liquid in 200mM sodium citrate/Tris, 500mM sodium chloride, pH 7.5, 0.02% sodium azide.

Purity

Purified by Protein A affinity chromatography

Specificity

Recognizes human (Arg8)-Vasopressin.

Product Type

Mab

Source



human

Isotype

IgG1

Grade

Affinity Purified

Applications

E

Crossreactivity

Hu

Storage

-20°C