

RPPB1386

Product Information Protein Information

Product SKU:

RPPB1386

Accession:

P01185

Protein description:

Assay Genie's 8-L-Arginine Vasopressin's molecular weight is 1084.24 Dalton and the molecular formula is: C₄₆H₆₅N₁₅O₁₂S₂.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Vasopressin-neurophysin 2-copeptin, AVP-NPII, VP, ADH, ARVP, AVRP, Argipressin, Arginine vasopressin, AVP, Vasopressin, Antidiuretic Hormone.

Formulation:

The protein (1 mg/ml) was lyophilized with no additives.

Purity:

Greater than 98.0% as determined by by RP-HPLC.

Solubility:

It is recommended to reconstitute the lyophilized Vasopressin in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Vasopressin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Vasopressin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

C[Cys-Tyr-Phe-Gln-Asn-Cys]-Pro-Arg-Gly-NH₂.