

ELISA Kit for 1-Desamino 8D Arginine Vasopressin (DDAVP)

Catalog No: tcue999



Available Sizes

Size: 96T



Specifications

Research Area:

Metabolic pathway;Endocrinology;Cardiovascular biology;

Species Reactivity:

Pan-species (General)

Sample Type:

Serum, plasma and other biological fluids.

Sensitivity:

The minimum detectable dose of this kit is typically less than 39.5pg/mL

Detection Range:

123.46-10000pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

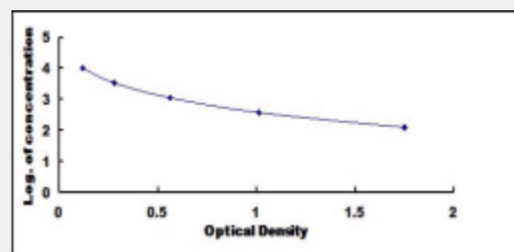
Tested Application:

ELISA

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to 1-Desamino 8D Arginine Vasopressin (DDAVP) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin

labeled 1-Desamino 8D Arginine Vasopressin (DDAVP) and unlabeled 1-Desamino 8D Arginine Vasopressin (DDAVP) (Standards or samples) with the pre-coated antibody specific to 1-Desamino 8D Arginine Vasopressin (DDAVP). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of 1-Desamino 8D Arginine Vasopressin (DDAVP) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of 1-Desamino 8D Arginine Vasopressin (DDAVP) in the sample.



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