

# **ELISA Kit for Aldosterone (ALD)**

# **Catalog No: tcue1455**

Available Sizes

#### **Size:** 96T



**Specifications** 

#### **Research Area:**

Metabolic pathway; Endocrinology; Hormone metabolism;

**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 9.41pg/mL

#### **Detection Range:**

24.69-2000pg/mL

#### **Assay Time:**

2h

#### **Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

### **Tested Application:**

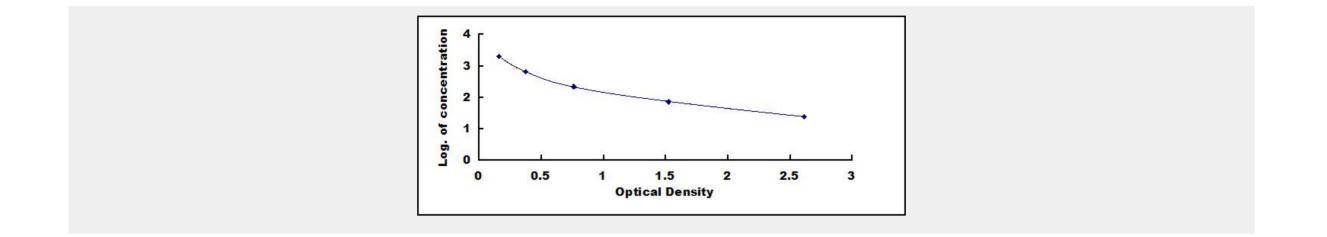
ELISA

## **Test Principle**

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to aldosterone has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled aldosterone analogues and unlabeled antigen (Standards or samples) with the pre-coated antibody. 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 aldosterone in the sample. After addition of the substrate solution, the



intensity of color developed is reverse proportional to the concentration of aldosterone in the sample.



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