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ELISA Kit for Androsterone (ADT)

Catalog No: tcue2522

Available Sizes

Size: 96T

Specifications

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 144pg/mL

Detection Range:
352-90000pg/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 Androsterone (ADT) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Androsterone (ADT) and unlabeled Androsterone (ADT) (Standards or samples) with the pre-coated antibody specific to Androsterone (ADT). 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 Androsterone (ADT) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Androsterone (ADT) in the sample.

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