

ELISA Kit for Indole 3 Acetic Acid (IAA)

Catalog No: tcue823



Available Sizes

Size: 96T



Specifications

Research Area:

Signal transduction;Hormone metabolism;

Species Reactivity:

Pan-species (General)

Sample Type:

tissue or cell culture supernates

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.89ng/mL

Detection Range:

2.47-200ng/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

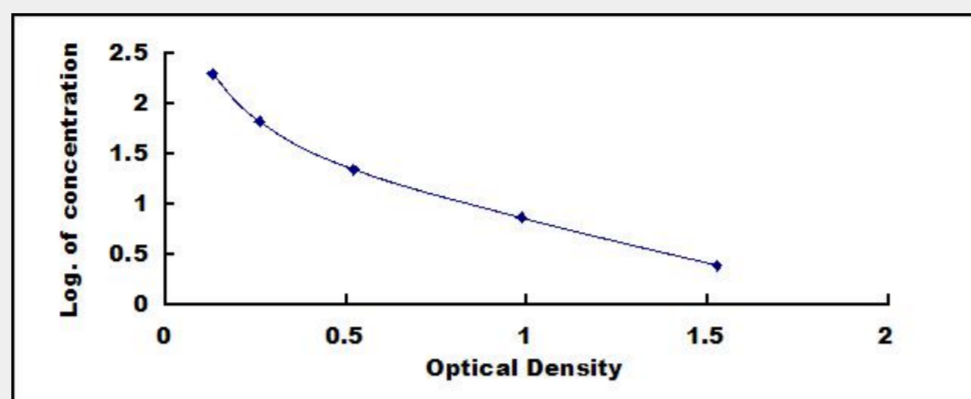
Tested Application:

ELISA

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Indole 3 Acetic Acid (IAA) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Indole 3 Acetic Acid (IAA) and unlabeled Indole 3 Acetic Acid (IAA) (Standards or samples) with the pre-coated antibody specific to Indole 3 Acetic Acid (IAA). 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

Indole 3 Acetic Acid (IAA) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Indole 3 Acetic Acid (IAA) in the sample.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!