

ELISA Kit for Insulin Like Protein 3 (INSL3)

Catalog No: tcue3515



Available Sizes

Size: 96T



Specifications

Research Area:

Endocrinology;

Species Reactivity:

Rattus norvegicus (Rat)

Sample Type:

Serum, plasma and other biological fluids.

Sensitivity:

The minimum detectable dose of this kit is typically less than 62.8pg/mL

Detection Range:

185.19-15000pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

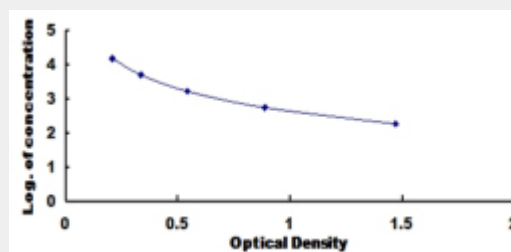
SwissProt:

Q9WUK0

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Insulin Like

Protein 3 (INSL3) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Insulin Like Protein 3 (INSL3) and unlabeled Insulin Like Protein 3 (INSL3) (Standards or samples) with the pre-coated antibody specific to Insulin Like Protein 3 (INSL3). 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 Insulin Like Protein 3 (INSL3) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Insulin Like Protein 3 (INSL3) in the sample.



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