

ELISA Kit for Thyroid Stimulating Hormone (TSH)

Catalog No: tcue1180



Available Sizes

Size: 96T



Specifications

Research Area:

Endocrinology;Hormone metabolism;

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 74.5pg/mL

Detection Range:

185.2-15000pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

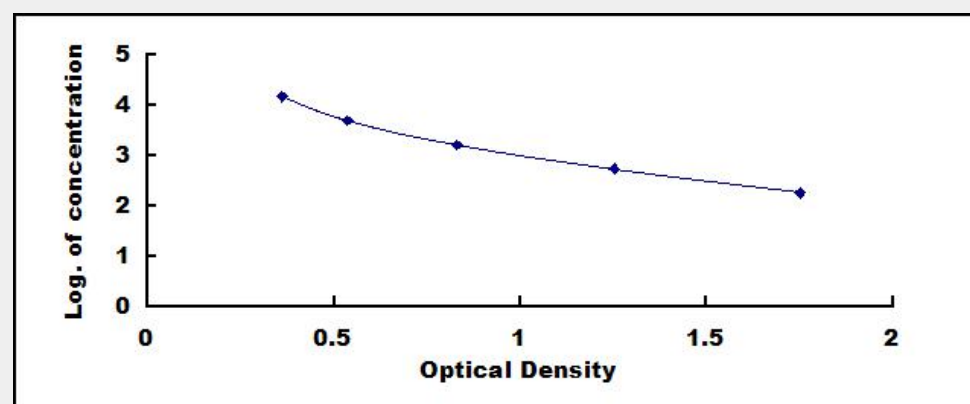
SwissProt:

P11962

Test Principle

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

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



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