

ELISA Kit for Proopiomelanocortin (POMC)

Catalog No: tcue2470



Available Sizes

Size: 96T



Specifications

Research Area:

Endocrinology;

Species Reactivity:

Mus musculus (Mouse)

Sample Type:

serum, plasma and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 46.7pg/mL

Detection Range:

123.5-10,000pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

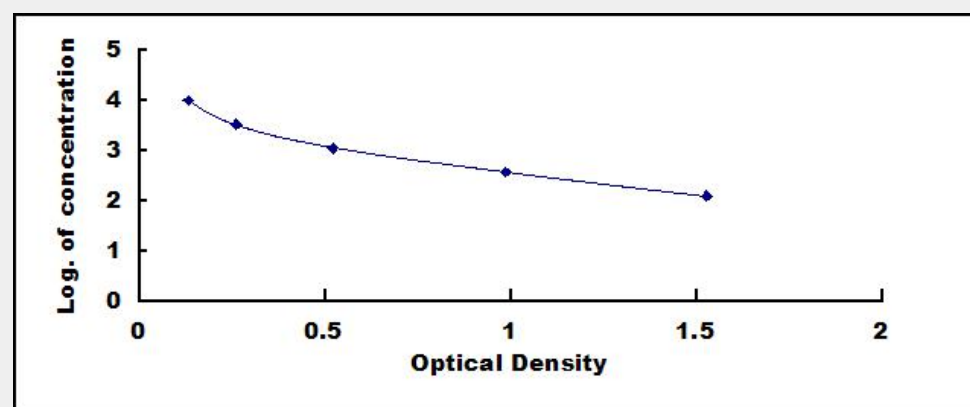
SwissProt:

P01193

Test Principle

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

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



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