

ELISA Kit for Prostaglandin E2 (PGE2)

Catalog No: tcue1633



Available Sizes

Size: 96T



Specifications

Research Area:

Metabolic pathway; Infection immunity; Endocrinology; Hormone metabolism;

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 0.97pg/mL

Detection Range:

2.47-200pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

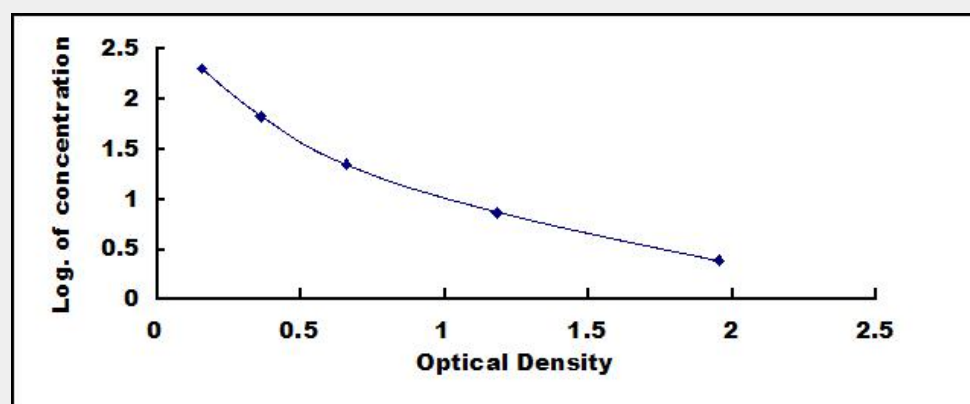
Tested Application:

ELISA

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to PGE2 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled PGE2 analogues and unlabeled antigen (Standards or samples) with the pre-coated antibody. 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 PGE2 in the sample. After addition of the substrate solution, the intensity of color

developed is reverse proportional to the concentration of PGE2 in the sample.



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