

# ELISA Kit for Glycophosphatidylinositol (GPI)

Catalog No: tcue860



## Available Sizes

Size: 96T



## Specifications

### Research Area:

Signal transduction;Metabolic pathway;Neuro science;

### Species Reactivity:

Homo sapiens (Human)

### Sample Type:

Tissue homogenates and other biological fluids.

### Sensitivity:

The minimum detectable dose of this kit is typically less than 82.3pg/mL

### Detection Range:

246.91-20000pg/mL

### Assay Time:

2h

### Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

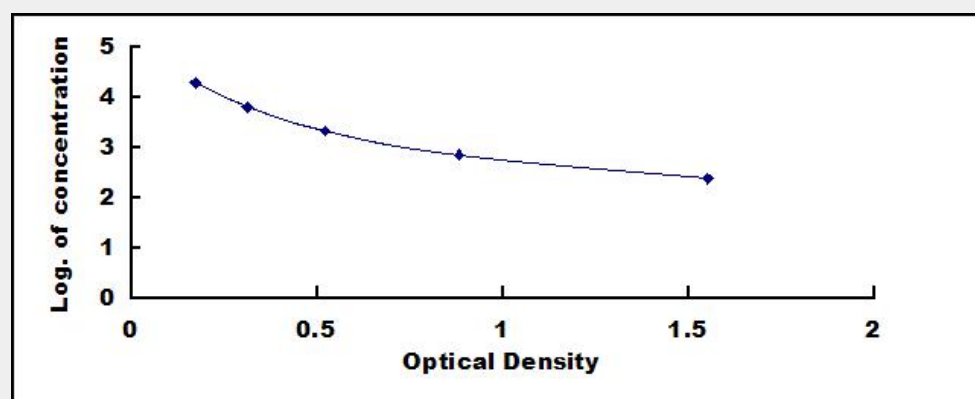
### Tested Application:

ELISA

## Test Principle

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



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