

ELISA Kit for Protein Kinase R (PKR)

Catalog No: tcue705

Available Sizes

Size: 96T



Specifications

Research Area:

Enzyme & Kinase; Apoptosis; Infection immunity;

Species Reactivity: Homo sapiens (Human)

Sample Type:

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.060ng/mL

Detection Range:

0.156-10ng/mL

Assay Time:

3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

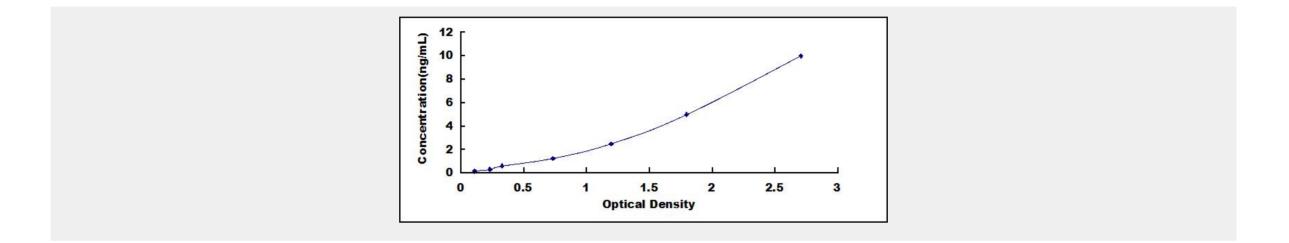
Tested Application: ELISA		
SwissProt: P19525		

Test Principle

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated



with an antibody specific to Protein Kinase R (PKR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Protein Kinase R (PKR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Protein Kinase R (PKR), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10 nm. The concentration of Protein Kinase R (PKR) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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