

ELISA Kit for Advanced Glycation End Product (AGE)

Catalog No: tcue622



Available Sizes

Size: 96T



Specifications

Research Area:

Metabolic pathway;Endocrinology;Cardiovascular biology;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 38.2ng/mL

Detection Range:

98.8-8,000ng/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

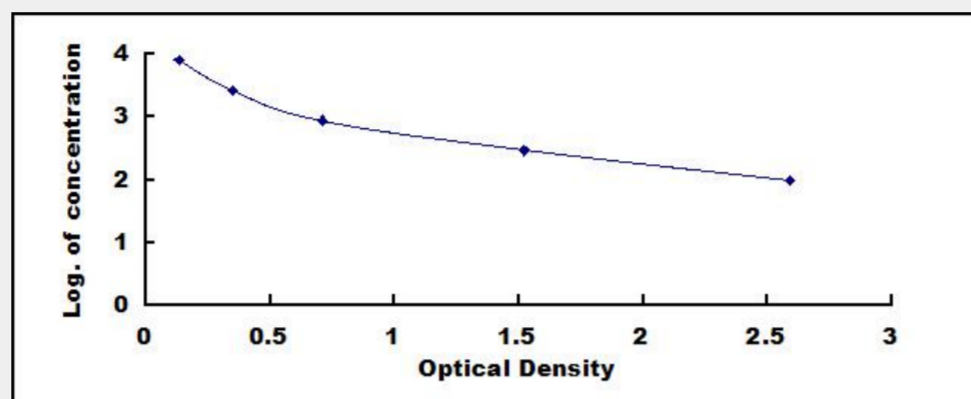
Tested Application:

ELISA

Test Principle

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



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