

ELISA Kit for Anti-Glutamic Acid Decarboxylase Antibody (Anti-GAD)

Catalog No: tcue2222



Available Sizes

Size: 96T



Specifications

Species Reactivity:

Homo sapiens (Human)

Sample Type:

Serum, plasma and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.59ng/mL

Detection Range:

1.56-100ng/mL

Assay Time:

2h, 30min

Detection Method:

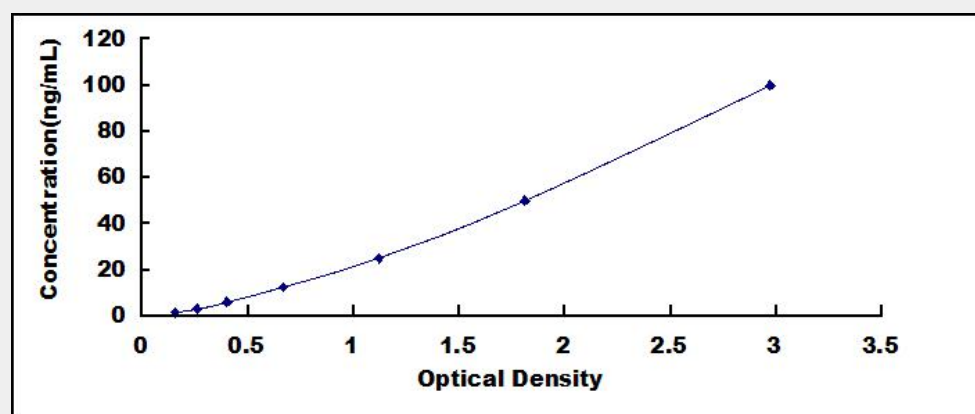
Enzyme-linked immunosorbent assay for Antibody Detection.

Tested Application:

ELISA

Test Principle

The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Glutamic Acid Decarboxylase Antibody (Anti-GAD) 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Anti-Glutamic Acid Decarboxylase Antibody (Anti-GAD) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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