Human Glutamic acid decarboxylase 65 IgG antibody (GAD65-Ab-IgG) ELISA Kit

Catalog No: #EK11740

Package Size: #EK11740-1 48T #EK11740-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Human Glutamic acid decarboxylase 65 IgG antibody (GAD65-Ab-IgG) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:Detection antibody

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:Competitive ELISATest principle:This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to GAD65-Ab-IgG. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated GAD65-Ab-IgG and incubated. The competitive inhibition reaction is launched between with HRP labeled GAD65-Ab-IgG and unlabeled GAD65-Ab-IgG with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of GAD65-Ab-IgG in the sample. The color development is stopped and the intensity of the color is measured.

Note: This product is for in vitro research use only