

Human glutamic acid decarboxylase, GAD ELISA Kit | GAD elisa kit

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CATALOG #
AAA42367

REACTIVITY
Human

PRODUCT SYNONYMS

glutamic acid decarboxylase; GAD; Human glutamic acid decarboxylase; GAD ELISA Kit; GAD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	180
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 400ng/L
Sensitivity	0.49ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glutamic Acid Decarboxylase (also known as GAD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GAD antibody. GAD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GAD Antibody is added and binds to GAD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GAD antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GAD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	182942
Molecular Weight	65,411 Da
NCBI Official Full Name	glutamic acid decarboxylase, partial
UniProt Protein Name	Glutamate decarboxylase 2
UniProt Gene Name	GAD2
UniProt Synonym Gene Names	GAD65; GAD-65

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/glutamic-acid-decarboxylase-gad/42367>