

Mouse Glutamate decarboxylase 2 ELISA Kit | Gad2 elisa kit

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CATALOG #
AAA56571

REACTIVITY
Mouse

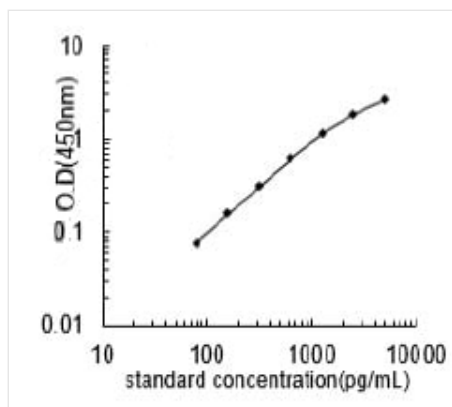
PRODUCT SYNONYMS

Glutamate decarboxylase 2; Mouse Glutamate decarboxylase 2 ELISA Kit; 65 kDa glutamic acid decarboxylase; GAD-65; Glutamate decarboxylase 65 kDa isoform; Gad2; Gad65; 4.1.1.15; Gad2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Glutamate decarboxylase 2
Sequence Length	585
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 39.3 pg/mL
Intra-assay Precision	<=4.8%
Inter-assay Precision	<=7.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gad2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124517709
NCBI GeneID	14417
NCBI Accession #	NP_032104.2
NCBI GenBank Nucleotide #	NM_008078.2
UniProt Accession #	P48320; O35519
Molecular Weight	65,224 Da
NCBI Official Full Name	glutamate decarboxylase 2
NCBI Official Synonym Full Names	glutamic acid decarboxylase 2
NCBI Official Symbol	Gad2
NCBI Official Synonym Symbols	GAD65; Gad-2; GAD(65); 6330404F12Rik
NCBI Protein Information	glutamate decarboxylase 2
UniProt Protein Name	Glutamate decarboxylase 2
UniProt Gene Name	Gad2
UniProt Synonym Gene Names	Gad65; GAD-65
UniProt Entry Name	DCE2_MOUSE

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/gad2-mouse-elisa-kits/glutamate-decarboxylase-2/56571>