

Human glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa) ELISA Kit | GAD2 elisa kit

Human glutamic acid decarboxylase 65, GAD65 ELISA Kit

CATALOG # AAA79974	REACTIVITY Human
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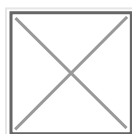
PRODUCT SYNONYMS

glutamate decarboxylase 2 (pancreatic islets and brain; 65kDa); Human glutamic acid decarboxylase 65; GAD65 ELISA Kit; RP11-420F12.2; GAD65; MGC161605; MGC161607; Glutamate decarboxylase-2 (pancreas) ; glutamate decarboxylase 2; GAD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GAD65. No significant cross-reactivity or interference between human GAD65 and analogues was observed.
Sequence Length	585
Samples	serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.156 ng/ml-10 ng/ml.
Sensitivity	Typically less than 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503875
NCBI GeneID	2572
NCBI Accession #	NP_000809.1
NCBI GenBank Nucleotide #	NM_000818.2
UniProt Accession #	Q05329 ; Q9UD87

Molecular Weight	65,411 Da
NCBI Official Full Name	glutamate decarboxylase 2
NCBI Official Synonym Full Names	glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)
NCBI Official Symbol	GAD2
NCBI Official Synonym Symbols	GAD65
NCBI Protein Information	glutamate decarboxylase 2; GAD-65; 65 kDa glutamic acid decarboxylase; Glutamate decarboxylase-2 (pancreas); glutamate decarboxylase 65 kDa isoform
UniProt Protein Name	Glutamate decarboxylase 2
UniProt Gene Name	GAD2
UniProt Synonym Gene Names	GAD65; GAD-65
UniProt Entry Name	DCE2_HUMAN

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-human-elisa-kits/glutamate-decarboxylase-2-pancreatic-islets-and-brain-65kda/79974>