

Human Glutamate dehydrogenase 1, mitochondrial ELISA Kit | GLUD1 elisa kit

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CATALOG #
AAA195901

REACTIVITY
Human

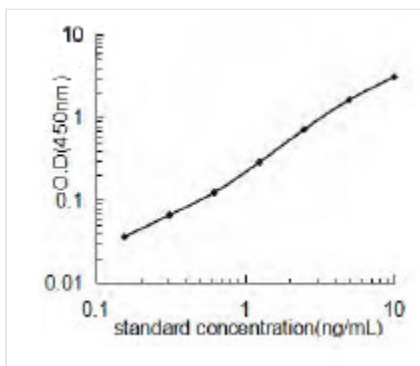
PRODUCT SYNONYMS

Glutamate dehydrogenase 1; mitochondrial; Human Glutamate dehydrogenase 1; mitochondrial ELISA Kit; GDH 1; GLUD1; GLUD; 1.4.1.3; GLUD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Mouse Properdin Synonyms: Properdin,;
Sequence Length	558
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	15.6-1000 pg/mL
Intra-assay Precision	Intra-Assay CV: <=4.0%
Inter-assay Precision	Inter-Assay CV: <=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 GLUD1 elisa kit

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.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885281
NCBI GeneID	2746
NCBI Accession #	NP_005262.1
NCBI GenBank Nucleotide #	NM_005271.4
UniProt Accession #	P00367; Q5TBU3; B3KV55; B4DGN5
Molecular Weight	46,575 Da
NCBI Official Full Name	glutamate dehydrogenase 1, mitochondrial isoform a
NCBI Official Synonym Full Names	glutamate dehydrogenase 1
NCBI Official Symbol	GLUD1
NCBI Official Synonym Symbols	GDH; GDH1; GLUD
NCBI Protein Information	glutamate dehydrogenase 1, mitochondrial
UniProt Protein Name	Glutamate dehydrogenase 1, mitochondrial
UniProt Gene Name	GLUD1
UniProt Synonym Gene Names	GLUD; GDH 1
UniProt Entry Name	DHE3_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/glud1-human-elisa-kits/glutamate-dehydrogenase-1-mitochondrial/195901>