

Human Glutamate dehydrogenase 2, mitochondrial, GLUD2 ELISA Kit | GLUD2 elisa kit

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 CATALOG #
AAA180277

 REACTIVITY
Human

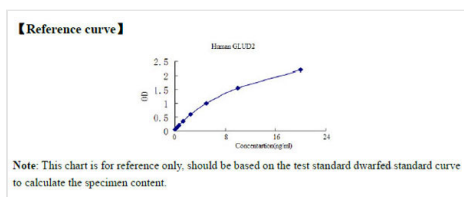
PRODUCT SYNONYMS

Glutamate dehydrogenase 2; mitochondrial; GLUD2; Human Glutamate dehydrogenase 2; GLUD2 ELISA Kit; GLUD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Human serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant GLUD2 concentration
Assay Type	Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	0.06 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUD2 elisa kit

Principle of the assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human GLUD2 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377775
NCBI GeneID	2747
NCBI Accession #	NP_036216.2

NCBI GenBank Nucleotide #	NM_012084.3
UniProt Accession #	P49448 ; Q9UDQ4 ; B2R8G0
Molecular Weight	61,434 Da
NCBI Official Full Name	glutamate dehydrogenase 2, mitochondrial
NCBI Official Synonym Full Names	glutamate dehydrogenase 2
NCBI Official Symbol	GLUD2
NCBI Official Synonym Symbols	GDH2; GLUDP1
NCBI Protein Information	glutamate dehydrogenase 2, mitochondrial; GDH 2; glutamate dehydrogenase pseudogene 1
UniProt Protein Name	Glutamate dehydrogenase 2, mitochondrial
UniProt Gene Name	GLUD2
UniProt Synonym Gene Names	GLUDP1; GDH 2
UniProt Entry Name	DHE4_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://www.aaabiotech.com/human-elisa-kits/glutamate-dehydrogenase-2-mitochondrial-glud2/180277>