

Human L2-Hydroxyglutarate Dehydrogenase, L2HGDH ELISA Kit | L2HGDH elisa kit

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CATALOG #
AAA123785

REACTIVITY
Human

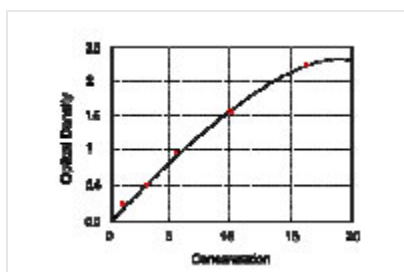
PRODUCT SYNONYMS

L2-Hydroxyglutarate Dehydrogenase; L2HGDH; Human L2-Hydroxyglutarate Dehydrogenase; L2HGDH ELISA Kit; L2HGDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	463
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-4500ng/L
Sensitivity	9.98ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 L2HGDH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human L2-Hydroxyglutarate Dehydrogenase (also known as L2HGDH) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human L2HGDH antibody. L2HGDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human L2HGDH Antibody is added and binds to L2HGDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated L2HGDH 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 L2HGDH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376331
NCBI GeneID	79944
NCBI GenBank Nucleotide #	NP_079160.1
UniProt Accession #	Q9H9P8
NCBI Official Full Name	L-2-hydroxyglutarate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	L-2-hydroxyglutarate dehydrogenase
NCBI Official Symbol	L2HGDH
NCBI Official Synonym Symbols	L2HGA; C14orf160
NCBI Protein Information	L-2-hydroxyglutarate dehydrogenase, mitochondrial
UniProt Protein Name	L-2-hydroxyglutarate dehydrogenase, mitochondrial
UniProt Gene Name	L2HGDH
UniProt Synonym Gene Names	C14orf160
UniProt Entry Name	L2HDH_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/human-elisa-kits/l2-hydroxyglutarate-dehydrogenase-l2hgdh/123785>