

Human GDH/GLDH ELISA Kit | GDH/GLDH elisa kit

Human GDH/GLDH (Glutamate dehydrogenase) ELISA Kit

CATALOG #
AAA21857

REACTIVITY
Human

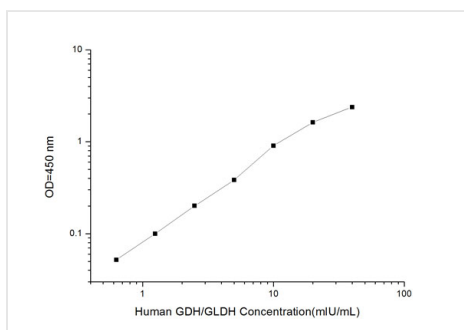
PRODUCT SYNONYMS

GDH/GLDH; Human GDH/GLDH (Glutamate dehydrogenase) ELISA Kit; GDH/GLDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human GDH/GLDH in samples. No significant cross-reactivity or interference between Human GDH/GLDH and analogues was observed.
Sequence Length	364
Samples	Serum and plasma, please inquire if your samples are other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20mIU/mL
Sensitivity	0.19mIU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human GDH/GLDH were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human GDH/GLDH were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDH/GLDH elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human GDH/GLDH concentrations in serum and plasma, please inquire if your samples are other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GDH/GLDH. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human GDH/GLDH and Avidin- Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GDH/GLDH, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 +/- 2 nm. The OD value is proportional to the concentration of Human GDH/GLDH. You can calculate the concentration of Human GDH/GLDH in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81553075
NCBI GeneID	18092377
UniProt Accession #	Q9WYQ4
Molecular Weight	39,692 Da
NCBI Official Full Name	Glycerol dehydrogenase
UniProt Protein Name	Glycerol dehydrogenase
UniProt Gene Name	gldA
UniProt Synonym Gene Names	GDH; GLDH
UniProt Entry Name	GLDA_THEMEA

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/gdh-gldh/21857>