

Human GDH/GLDH (Glutamate dehydrogenase) CLIA Kit | GDH/GLDH clia kit

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CATALOG #
AAA171007

REACTIVITY
Human

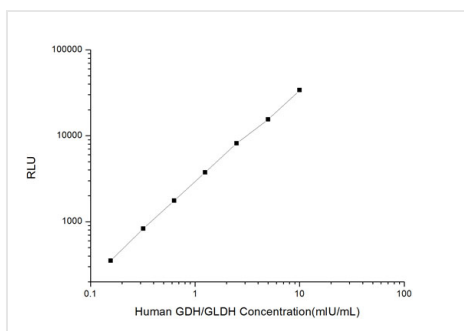
PRODUCT SYNONYMS

GDH/GLDH (Glutamate dehydrogenase); Human GDH/GLDH (Glutamate dehydrogenase) CLIA Kit; GDH/GLDH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant GDH/GLDH. No significant cross-reactivity or interference between GDH/GLDH and analogues was observed.
Sequence Length	411
Assay Type	Sandwich
Detection Range	0.156-10mIU/mL
Sensitivity	Min: 0.094mIU/mL; Max: 10mIU/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDH/GLDH clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of GDH/GLDH concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to GDH/GLDH. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GDH/GLDH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GDH/GLDH, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of GDH/GLDH. You can calculate the concentration of GDH/GLDH in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	795881068
NCBI GeneID	544015
NCBI Accession #	NP_001233850.2
NCBI GenBank Nucleotide #	NM_001246921.2
Molecular Weight	44,813 Da
NCBI Official Full Name	glutamate dehydrogenase
NCBI Official Symbol	gdh1
NCBI Official Synonym Symbols	GDH; legdh1
NCBI Protein Information	glutamate dehydrogenase
UniProt Protein Name	Glutamate dehydrogenase
UniProt Gene Name	GDH1
UniProt Synonym Gene Names	GDH
UniProt Entry Name	DHE3_SOLLC

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-clia-kits/gdh-gldh-glutamate-dehydrogenase/171007>