

Human glucose oxidase, GOD ELISA Kit | GOD elisa kit

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CATALOG #
AAA41769

REACTIVITY
Human

PRODUCT SYNONYMS

glucose oxidase; GOD; Human glucose oxidase; GOD ELISA Kit; GOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	615
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.23ng/ml
Intra-Assay	CV<8%
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 GOD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glucose Oxidase (also known as GOD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	58585090
NCBI GeneID	406081
NCBI Accession #	NP_001011574.1
NCBI GenBank Nucleotide #	NM_001011574.1
NCBI Official Full Name	glucose oxidase
NCBI Official Symbol	LOC406081
NCBI Official Synonym Symbols	GB19418
NCBI Protein Information	glucose oxidase

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/glucose-oxidase-god/41769>