

Human glyceraldehyde-3-phosphate dehydrogenase ELISA Kit | GAPDH/G3PDH elisa kit

Human glyceraldehyde-3-phosphate dehydrogenase, GAPDH/G3PDH ELISA Kit

CATALOG #
AAA79728

REACTIVITY
Human

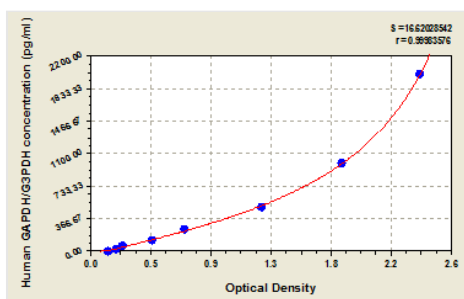
PRODUCT SYNONYMS

glyceraldehyde-3-phosphate dehydrogenase; Human glyceraldehyde-3-phosphate dehydrogenase; GAPDH/G3PDH ELISA Kit; Human glyceraldehyde-3-phosphate dehydrogenase (GAPDH/G3PDH) ELISA kit; G3PD; GAPD; MGC88685; OTTHUMP00000174431; OTTHUMP00000174432; aging-associated gene 9 protein; glyceraldehyde 3-phosphate dehydrogenase; GAPDH/G3PDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GAPDH/G3PDH. No significant cross-reactivity or interference between human GAPDH/G3PDH and analogues was observed.
Sequence Length	293
Samples	Serum, plasma, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAPDH/G3PDH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GAPDH/G3PDH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GAPDH/G3PDH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GAPDH/G3PDH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GAPDH/G3PDH bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	378404908
NCBI GeneID	2597
NCBI Accession #	NP_001243728.1
NCBI GenBank Nucleotide #	NM_001256799.2
UniProt Accession #	P04406; P00354; Q53X65; E7EUT4
Molecular Weight	36,053 Da
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase isoform 2
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Symbol	GAPDH
NCBI Official Synonym Symbols	G3PD; GAPD; HEL-S-162eP
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH; epididymis secretory sperm binding protein Li 162eP
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	GAPDH
UniProt Synonym Gene Names	GAPD; CDABP0047; OK/SW-cl.12; GAPDH
UniProt Entry Name	G3P_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/gapdh-g3pdh-human-elisa-kits/glyceraldehyde-3-phosphate-dehydrogenase/79728>