

Mouse Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) RTU ELISA Kit | GAPDH rtu elisa kit

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CATALOG #
AAA70827

REACTIVITY
Mouse

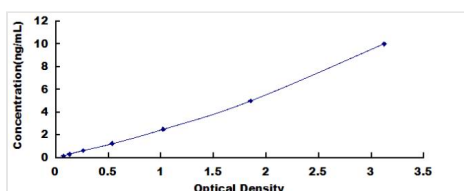
PRODUCT SYNONYMS

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH); Mouse Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) ELISA Kit; G3PD; GAPD; Peptidyl-cysteine S-nitrosylase GAPDH; GAPDH rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	359
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAPDH rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GAPDH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GAPDH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GAPDH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GAPDH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	576080555
NCBI GeneID	14433
NCBI Accession #	NP_001276655.1
NCBI GenBank Nucleotide #	NM_001289726.1
UniProt Accession #	P16858; Q0QEU0; Q3THM2; Q3TUI2; Q3UMT2; Q4V783; Q569X2; Q569X5; Q5U410; A6H6A8
Molecular Weight	35,810 Da
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase isoform 1
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Symbol	Gapdh
NCBI Official Synonym Symbols	Gapd
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	Gapdh
UniProt Synonym Gene Names	Gapd; GAPDH

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/glyceraldehyde-3-phosphate-dehydrogenase-gapdh/70827>