

Mouse Glucose-6-phosphate 1-dehydrogenase X ELISA Kit | G6pdx elisa kit

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CATALOG # AAA56243	REACTIVITY Mouse
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PRODUCT SYNONYMS

Glucose-6-phosphate 1-dehydrogenase X; Mouse Glucose-6-phosphate 1-dehydrogenase X ELISA Kit; G6pdx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse G6PD. No significant cross-reactivity or interference was observed.
Sequence Length	515
Assay Type	Sandwich
Detection Range	0.78-50 mIU/mL
Sensitivity	0.39 mIU/mL
Intra-Assay CV	<=6.7%
Inter-Assay CV	<=8.9%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for G6pdx elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to G6PD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for G6PD and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain G6PD, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of G6PD in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6996917
NCBI GeneID	14381

NCBI Accession #	NP_032088.1
NCBI GenBank Nucleotide #	NM_008062.2
UniProt Accession #	Q00612
Molecular Weight	59,263 Da
NCBI Official Full Name	glucose-6-phosphate 1-dehydrogenase X
NCBI Official Synonym Full Names	glucose-6-phosphate dehydrogenase X-linked
NCBI Official Symbol	G6pdx
NCBI Official Synonym Symbols	G28A; G6pd; Gpdx
NCBI Protein Information	glucose-6-phosphate 1-dehydrogenase X
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase X
UniProt Gene Name	G6pdx
UniProt Synonym Gene Names	G6pd; G6pd-1; G6PD
UniProt Entry Name	G6PD1_MOUSE

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/g6pdx-mouse-elisa-kits/glucose-6-phosphate-1-dehydrogenase-x/56243>