

Human Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1 ELISA Kit | GFPT1 elisa kit

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CATALOG # AAA310071	REACTIVITY Human
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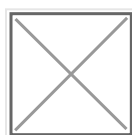
PRODUCT SYNONYMS

Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1; Human Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1 ELISA Kit; D-fructose-6-phosphate amidotransferase 1; Glutamine:fructose 6 phosphate amidotransferase 1; GFAT 1; GFAT1; GFPT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Glucosamine-fructose-6-phosphate aminotransferase [isomerizing] 1. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/ml -20.0 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GFPT1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Glucosamine-fructose-6-phosphate aminotransferase [isomerizing] 1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glucosamine-fructose-6-phosphate aminotransferase [isomerizing] 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Glucosamine-fructose-6-phosphate aminotransferase [isomerizing] 1 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 Glucosamine-fructose-6-phosphate aminotransferase [isomerizing] 1, 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 Glucosamine-fructose-6-phosphate aminotransferase [isomerizing] 1 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 #	347659028
NCBI GeneID	2673

NCBI Accession #	NP_001231639.1
NCBI GenBank Nucleotide #	NM_001244710.1
UniProt Accession #	Q06210 ; Q53QE6 ; Q9BXF8
Molecular Weight	76,759 Da
NCBI Official Full Name	glutamine--fructose-6-phosphate aminotransferase
NCBI Official Synonym Full Names	glutamine--fructose-6-phosphate transaminase 1
NCBI Official Symbol	GFPT1
NCBI Official Synonym Symbols	GFA; GFAT; GFPT; MSLG; CMS12; GFAT1; CMSTA1; GFAT 1; GFAT1m; GFPT1L
NCBI Protein Information	glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1
UniProt Protein Name	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1
UniProt Gene Name	GFPT1
UniProt Synonym Gene Names	GFAT; GFPT; GFAT 1; GFAT1

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/gfpt1-human-elisa-kits/glucoamine-fructose-6-phosphate-aminotransferase-isomerizing-1/310071>