

Human PYGB ELISA Kit | PYGB elisa kit

Human PYGB (Glycogen Phosphorylase, Brain) ELISA Kit

CATALOG #
AAA164908

REACTIVITY
Human

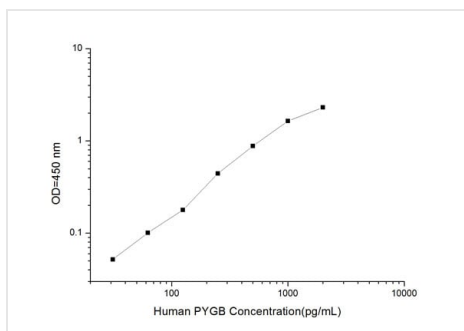
PRODUCT SYNONYMS

PYGB; Human PYGB (Glycogen Phosphorylase; Brain) ELISA Kit; PYGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PYGB. No significant cross-reactivity or interference between Human PYGB and analogues was observed.
Sequence Length	843
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYGB elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanPYGBconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PYGB. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PYGBand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PYGB, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PYGB.You can calculate the concentration of PYGBin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	578835493
NCBI GeneID	5834
NCBI Accession #	XP_006723664.1
NCBI GenBank Nucleotide #	XM_006723601.1
UniProt Accession #	P11216; Q96AK1; Q9NPX8
Molecular Weight	96,696 Da
NCBI Official Full Name	glycogen phosphorylase, brain form isoform X1
NCBI Official Synonym Full Names	phosphorylase, glycogen; brain
NCBI Official Symbol	PYGB
NCBI Official Synonym Symbols	GPBB
NCBI Protein Information	glycogen phosphorylase, brain form; glycogen phosphorylase B
UniProt Protein Name	Glycogen phosphorylase, brain form
UniProt Gene Name	PYGB
UniProt Entry Name	PYGB_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.