

Human GYS1 ELISA Kit | GYS1 elisa kit

Human GYS1 (Glycogen Synthase 1, Muscle) ELISA Kit

CATALOG #
AAA165945

REACTIVITY
Human

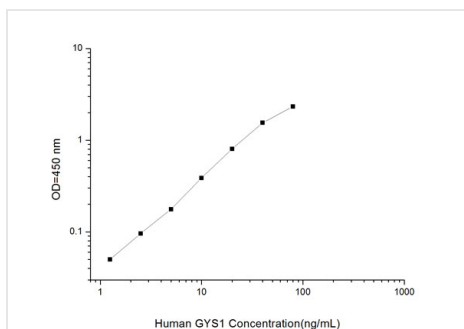
PRODUCT SYNONYMS

GYS1; Human GYS1 (Glycogen Synthase 1; Muscle) ELISA Kit; GYS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human GYS1. No significant cross-reactivity or interference between Human GYS1 and analogues was observed.
Sequence Length	673
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.25-80ng/mL
Sensitivity	Min: 0.75ng/mL; Max: 80ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GYS1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanGYS1concentrations 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 GYS1. 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 GYS1and 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 GYS1, 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 GYS1.You can calculate the concentration of GYS1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13112017
NCBI GeneID	2997
Molecular Weight	76,483 Da
NCBI Official Full Name	GYS1 protein
NCBI Official Synonym Full Names	glycogen synthase 1 (muscle)
NCBI Official Symbol	GYS1
NCBI Official Synonym Symbols	GSY; GYS
NCBI Protein Information	glycogen [starch] synthase, muscle; glycogen [starch] synthase, muscle
UniProt Protein Name	Glycogen [starch] synthase, muscle
UniProt Gene Name	GYS1
UniProt Synonym Gene Names	GYS
UniProt Entry Name	GYS1_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/human-elisa-kits/gys1/165945>