

Human Glucose transporter 4, GLUT4 ELISA Kit | GLUT4 elisa kit

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CATALOG #
AAA42104

REACTIVITY
Human

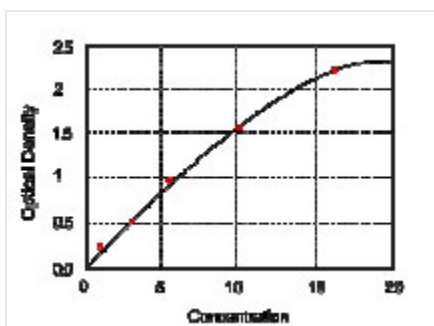
PRODUCT SYNONYMS

Glucose transporter 4; GLUT4; Human Glucose transporter 4; GLUT4 ELISA Kit; GLUT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	190
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-3500ng/L
Sensitivity	9.56ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUT4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Glucose transporter 4 (also known as GLUT4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human GLUT4 antibody. GLUT4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human GLUT4 Antibody is added and binds to GLUT4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GLUT4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human GLUT4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61661420
NCBI GeneID	101118797
Molecular Weight	20,643 Da
NCBI Official Full Name	glut4, partial
NCBI Official Symbol	SLC2A4
NCBI Official Synonym Symbols	GLUT4
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 4
UniProt Protein Name	Glut4

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/glucose-transporter-4-glut4/42104>