

Human Glucose transporter 3, GLUT3 ELISA Kit | GLUT3 elisa kit

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CATALOG #
AAA42240

REACTIVITY
Human

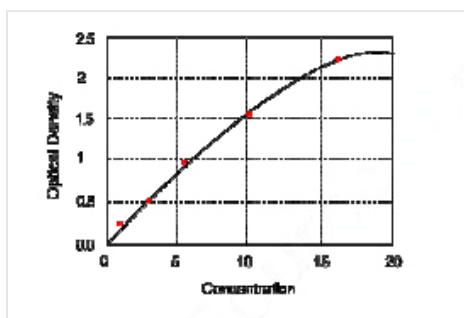
PRODUCT SYNONYMS

Glucose transporter 3; GLUT3; Human Glucose transporter 3; GLUT3 ELISA Kit; GLUT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	496
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml-90ng/ml
Sensitivity	0.16ng/ml
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 GLUT3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glucose Transporter 1 (also known as GLUT1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GLUT1 antibody. GLUT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GLUT1 Antibody is added and binds to GLUT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GLUT1 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 GLUT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8927560
NCBI GeneID	6515
Molecular Weight	53,924 Da
NCBI Official Full Name	glucose transporter 3
NCBI Official Synonym Full Names	solute carrier family 2 member 3
NCBI Official Symbol	SLC2A3
NCBI Official Synonym Symbols	GLUT3
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 3
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 3
UniProt Gene Name	SLC2A3
UniProt Synonym Gene Names	GLUT3; GLUT-3

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-3-glut3/42240>