

Human Glucose Transporter 10 (GLUT10) ELISA Kit | GLUT10 elisa kit

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CATALOG #
AAA42082

REACTIVITY
Human

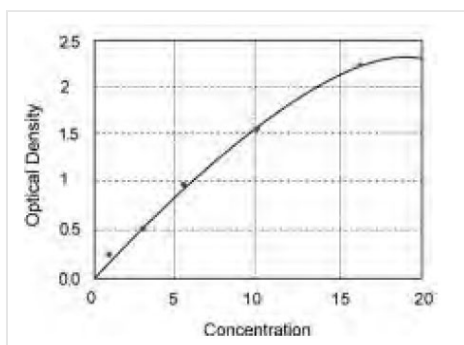
PRODUCT SYNONYMS

Glucose Transporter 10 (GLUT10); Human Glucose Transporter 10 (GLUT10) ELISA Kit; GLUT10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	536
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	7-1500ng/L
Sensitivity	3.37ng/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 GLUT10 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SLC2A10 antibody. SLC2A10 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SLC2A10 Antibody is added and binds to SLC2A10 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SLC2A10 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 SLC2A10. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Solute carrier family 2, facilitated glucose transporter member 10 (also known as SLC2A10) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18025346
NCBI GeneID	170441
Molecular Weight	56,579 Da
NCBI Official Full Name	glucose transporter 10
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 10
NCBI Official Symbol	Slc2a10
NCBI Official Synonym Symbols	Glut10; AA450473
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 10
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 10
UniProt Gene Name	Slc2a10
UniProt Synonym Gene Names	Glut10; GLUT-10

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/glucose-transporter-10-glut10/42082>