

Human Solute Carrier Family 2, Facilitated Glucose Transporter Member 1 (SLC2A1) ELISA Kit | SLC2A1 elisa kit

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CATALOG # AAA330818	REACTIVITY Human
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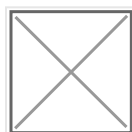
PRODUCT SYNONYMS

Solute Carrier Family 2; Facilitated Glucose Transporter Member 1 (SLC2A1); Human Solute Carrier Family 2; Facilitated Glucose Transporter Member 1 (SLC2A1) ELISA Kit; SLC2A1; DYT17; DYT18; GLUT; GLUT1; MGC141895; MGC141896; PED; SLC2A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	492
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC2A1 elisa kit	<p>Principle of the Assay: Human Solute Carrier Family 2, Facilitated Glucose Transporter Member 1 (SLC2A1) ELISA Kit employs a two-site sandwich ELISA to quantitate SLC2A1 in samples. An antibody specific for SLC2A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC2A1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SLC2A1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SLC2A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background/Introduction: Whole genome expression, oxidative stress (OS), and the consequences of oleic acid (OA)-enriched medium on lipid accumulation in siSLC2A1-THLE2 cells were studied by gene-expression analysis, dihydroethidium staining, BODIPY, and quantification of intracellular triglyceride content, respectively. Several SNPs of SLC2A1 (solute carrier family 2 [facilitated glucose transporter] member 1) showed association with NAFLD, but not with T2DM, being the haplotype containing the minor allele of SLC2A1 sequence related to the susceptibility to develop NAFLD. Gene-expression analysis demonstrated a significant down-regulation of SLC2A1 in NAFLD livers.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795299
NCBI GeneID	6513
NCBI Accession #	NP_006507.2
NCBI GenBank Nucleotide #	NP_006507.2

UniProt Accession #	P11166
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 1
NCBI Official Synonym Full Names	solute carrier family 2 member 1
NCBI Official Symbol	SLC2A1
NCBI Official Synonym Symbols	CSE; PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT-1; SDCHCN; GLUT1DS
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 1
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 1
UniProt Gene Name	SLC2A1
UniProt Synonym Gene Names	GLUT1; GLUT-1
UniProt Entry Name	GTR1_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/solute-carrier-family-2-facilitated-glucose-transporter-member-1-slc2a1/330818>