Human Solute carrier family 2, facilitated glucose transporter member 1 ELISA Kit | SLC2A1 elisa kit

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CATALOG #	REACTIVITY
AAA101113	**Human**

PRODUCT SYNONYMS

Solute carrier family 2; facilitated glucose transporter member 1; Human Solute carrier family 2; facilitated glucose transporter member 1 ELISA Kit; SLC2A1/Solute carrier family 2; facilitated glucose transporter member 1/Glucose transporter type 1; erythrocyte/brain/GLUT-1/HepG2 glucose transporter/GLUT1/PED/DYT9/GLUT/DYT17/DYT18/EIG12/GLUT1DS; SLC2A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	492
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC2A1 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human SLC2A1antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SLC2A1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SLC2A1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofHuman SLC2A1can be calculated.

NCBI AND UNIPROT INFORMATION

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

NCBI GenBank Nucleotide #	NM_006516.2
Molecular Weight	54,084 Da
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/slc2a1-human-elisa-kits/solute-carrier-family-2-facilitated-glucose-transporter-member-1/101113