

Human Glucose Transporter 1 (GLUT1) RTU ELISA Kit | GLUT1 rtu elisa kit

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CATALOG #
AAA70932

REACTIVITY
Human

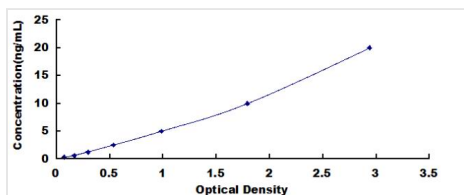
PRODUCT SYNONYMS

Glucose Transporter 1 (GLUT1); Human Glucose Transporter 1 (GLUT1) ELISA Kit; SLC2A1; SLC2-A1; GLUT; Solute Carrier Family 2 Member 1; Facilitated Glucose Transporter; Glucose transporter type 1; erythrocyte/brain; HepG2 glucose transporter; GLUT1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	492
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUT1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GLUT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GLUT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GLUT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GLUT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795299
NCBI GeneID	6513
NCBI Accession #	NP_006507.2
NCBI GenBank Nucleotide #	NM_006516.3
UniProt Accession #	P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0
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

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-rtu-elisa-kits/glucose-transporter-1-glut1/70932>