

Human Glucose Transporter 1 (GLUT-1) ELISA Kit | GLUT-1 elisa kit

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CATALOG #
AAA54352

REACTIVITY
Human

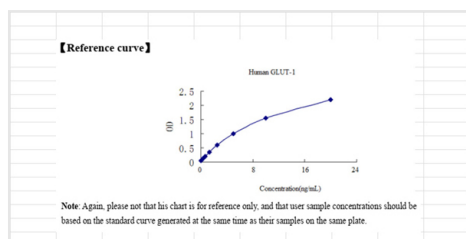
PRODUCT SYNONYMS

Glucose Transporter 1 (GLUT-1); Human Glucose Transporter 1 (GLUT-1) ELISA Kit; GLUT-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	784
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUT-1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human GLUT-1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

442629318

NCBI GeneID	38109
NCBI Accession #	NP_001261238.1
NCBI GenBank Nucleotide #	NM_001274309.1
Molecular Weight	16,880 Da
NCBI Official Full Name	glucose transporter 1, isoform X
NCBI Official Synonym Full Names	Glucose transporter 1
NCBI Official Symbol	Glut1
NCBI Official Synonym Symbols	0074/12; CG1086; CG13908; CG43946; DmelCG43946; Dmglut1; DmGluT1; DmGLUT1; Glt1; GLU; glut1; l(3)61Ea; l(3)L1H; l(3)S007412
NCBI Protein Information	CG43946 gene product from transcript CG43946-RR; CG43946-PB; CG43946-PC; CG43946-PD; CG43946-PE; CG43946-PJ; CG43946-PL; CG43946-PM; CG43946-PO; CG43946-PP; CG43946-PQ; CG43946-PR; CG43946-PS; CG43946-PT; CG43946-PU; CG43946-PV; CG43946-PW; CG43946-PX; CG43946-PY; CG43946-PZ; Glut1-PB; Glut1-PC; Glut1-PD; Glut1-PE; Glut1-PJ; Glut1-PL; Glut1-PM; Glut1-PO; Glut1-PP; Glut1-PQ; Glut1-PR; Glut1-PS; Glut1-PT; Glut1-PU; Glut1-PV; Glut1-PW; Glut1-PX; Glut1-PY; Glut1-PZ; glucose transporter; glucose transporter 1; lethal (3) S007412
UniProt Protein Name	Glucose transporter type 1
UniProt Gene Name	Glut1
UniProt Synonym Gene Names	CG43946
UniProt Entry Name	GTR1_DROME

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://stage.aaabiotech.com/human-elisa-kits/glucose-transporter-1-glut-1/54352>