

Mouse GLUT3 (Glucose Transporter 3) ELISA Kit | GLUT3 elisa kit

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CATALOG #
AAA249795

REACTIVITY
Mouse

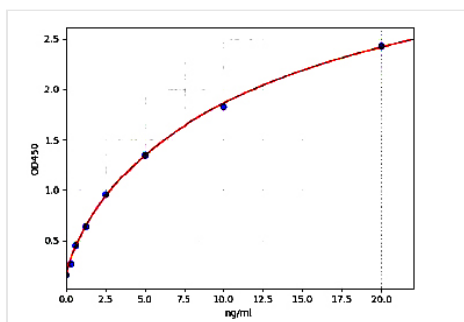
PRODUCT SYNONYMS

GLUT3 (Glucose Transporter 3); Mouse GLUT3 (Glucose Transporter 3) ELISA Kit; Solute carrier family 2; facilitated glucose transporter member 3; Glucose transporter type 3; brain; GLUT-3; Slc2a3; Glut3; GLUT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GLUT3. No significant cross-reactivity or interference between GLUT3 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for GLUT3 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261862282
NCBI GeneID	20527
NCBI Accession #	NP_035531.3
NCBI GenBank Nucleotide #	NM_011401.4
UniProt Accession #	P32037
Molecular Weight	53,479 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 3
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 3
NCBI Official Symbol	Slc2a3
NCBI Official Synonym Symbols	Glut3; C78366; Glut-3; AA408729; AL023014; AL024341; AU040424
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 3; glucose transporter type 3, brain
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 3
UniProt Gene Name	Slc2a3
UniProt Synonym Gene Names	Glut-3; Glut3; GLUT-3
UniProt Entry Name	GTR3_MOUSE

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/mouse-elisa-kits/glut3-glucose-transporter-3/249795>