

Human GLUT3 ELISA Kit | GLUT3 elisa kit

Human GLUT3 (Glucose Transporter 3) ELISA Kit

CATALOG #
AAA164432

REACTIVITY
Human

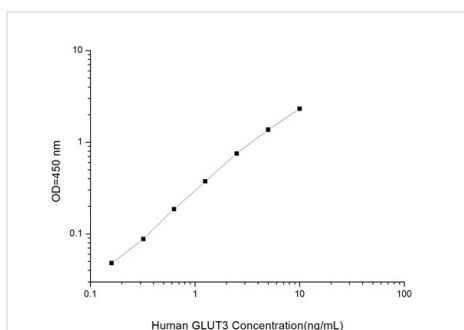
PRODUCT SYNONYMS

GLUT3; Human GLUT3 (Glucose Transporter 3) ELISA Kit; GLUT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GLUT3. No significant cross-reactivity or interference between Human GLUT3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human GLUT3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	152
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUT3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GLUT3 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GLUT3. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human GLUT3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GLUT3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human GLUT3. You can calculate the concentration of Human GLUT3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14268548
NCBI GeneID	6515
UniProt Accession #	P11169; Q6I9U2; Q9UG15; B2R606; D3DUU6
Molecular Weight	53,924 Da
NCBI Official Full Name	glucose transporter-like protein III, partial
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 3
NCBI Official Symbol	SLC2A3
NCBI Official Synonym Symbols	GLUT3
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 3; GLUT-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	GLUT3; GLUT-3
UniProt Entry Name	GTR3_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/glut3/164432>