

Mouse GLUT4 ELISA Kit | GLUT4 elisa kit

Mouse GLUT4 (Glucose Transporter 4) ELISA Kit

CATALOG #
AAA164564

REACTIVITY
Mouse

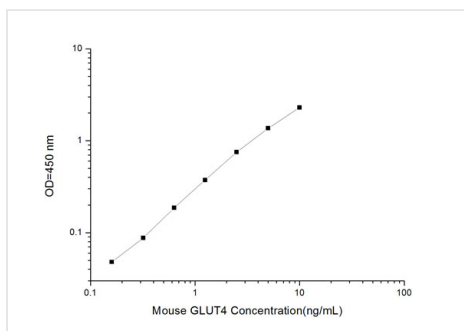
PRODUCT SYNONYMS

GLUT4; Mouse GLUT4 (Glucose Transporter 4) ELISA Kit; GLUT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GLUT4. No significant cross-reactivity or interference between Mouse GLUT4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse GLUT4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	190
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 GLUT4 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GLUT4 in Mouse 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 Mouse GLUT4. 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 Mouse GLUT4 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 Mouse GLUT4, 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 Mouse GLUT4. You can calculate the concentration of Mouse GLUT4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61661420
Molecular Weight	20,643 Da
NCBI Official Full Name	glut4, partial
UniProt Protein Name	Glut4
UniProt Entry Name	Q58HK0_SHEEP

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://www.aaabiotech.com/mouse-elisa-kits/glut4/164564>