

Human GLUT4 ELISA Kit | GLUT4 elisa kit

Human GLUT4 (Glucose Transporter 4) ELISA Kit

CATALOG #
AAA164121

REACTIVITY
Human

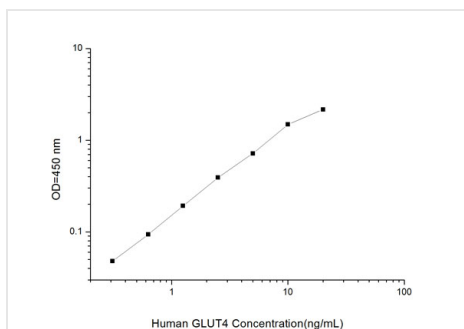
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human GLUT4. No significant cross-reactivity or interference between Human GLUT4 and analogues was observed.
Sequence Length	190
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUT4 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanGLUT4concentrations in 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 GLUT4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GLUT4and 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 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 GLUT4.You can calculate the concentration of GLUT4in 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/human-elisa-kits/glut4/164121>