

Human Glucose Transporter 2 (GLUT2) ELISA Kit | GLUT2 elisa kit

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CATALOG #
AAA42717

REACTIVITY
Human

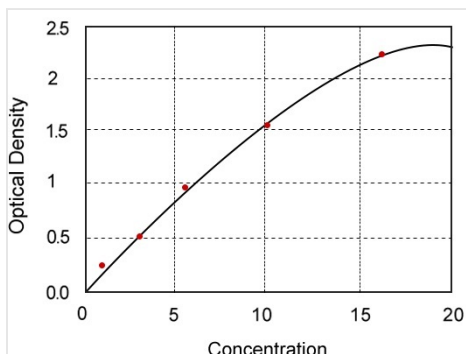
PRODUCT SYNONYMS

Glucose Transporter 2 (GLUT2); Human Glucose Transporter 2 (GLUT2) ELISA Kit; GLUT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	5
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.092ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLUT2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glucose Transporter 2 (also known as GLUT2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GLUT2 antibody. GLUT2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GLUT2 Antibody is added and binds to GLUT2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GLUT2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GLUT2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	683589
NCBI GeneID	20526
UniProt Accession #	P14246; Q3TNA5; Q9DBA7
Molecular Weight	57,107 Da
NCBI Official Full Name	GLUT2, partial
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 2
NCBI Official Symbol	Slc2a2
NCBI Official Synonym Symbols	Glut2; Glut-2; AI266973
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 2
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 2
UniProt Gene Name	Slc2a2
UniProt Synonym Gene Names	Glut-2; Glut2; GLUT-2

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/glucose-transporter-2-glut2/42717>