Rat Solute carrier family 2, facilitated glucose transporter member 2 ELISA Kit | Slc2a2 elisa kit

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CATALOG #	REACTIVITY
AAA97914	**Rat**

PRODUCT SYNONYMS

Solute carrier family 2; facilitated glucose transporter member 2; Rat Solute carrier family 2; facilitated glucose transporter member 2 ELISA Kit; Slc2a2/GLUT2/GLUT-2/GLUT2 Glucose transporter type 2; liver/SLC2A2; Slc2a2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	522
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
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)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc2a2 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Slc2a2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Slc2a2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Rat Slc2a2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofRat Slc2a2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	162138909
NCBI GeneID	25351
NCBI Accession #	NP_037011.2

NCBI GenBank Nucleotide #	NM_012879.2
Molecular Weight	57,086 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 2
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 2
NCBI Official Symbol	Slc2a2
NCBI Official Synonym Symbols	GTT2; Glut2
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
UniProt Entry Name	GTR2_RAT

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/slc2a2-rat-elisa-kits/solute-carrier-family-2-facilitated-glucose-transporter-member-2/97914