

Mouse Urea transporter 1 ELISA Kit | Slc14a1 elisa kit

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CATALOG #
AAA192000

REACTIVITY
Mouse

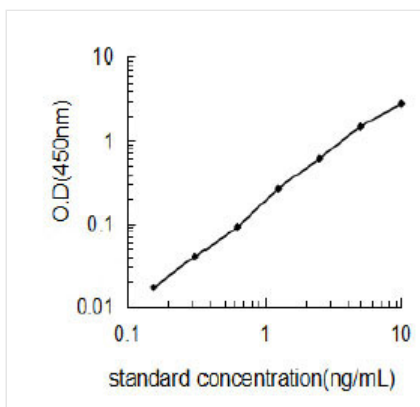
PRODUCT SYNONYMS

Urea transporter 1; Mouse Urea transporter 1 ELISA Kit; Solute carrier family 14 member 1; Urea transporter B; UT-B; Urea transporter; erythrocyte; Slc14a1; Slc14a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Urea transporter 1
Sequence Length	440
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.054 ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=8.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc14a1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283945614
NCBI GeneID	108052
NCBI Accession #	NP_001164481.1
NCBI GenBank Nucleotide #	NM_001171010.1
UniProt Accession #	Q8VHL0; Q3U542; Q497G1; Q5RJG2; Q6PDP4; Q9CZX3
Molecular Weight	48,338 Da
NCBI Official Full Name	urea transporter 1 isoform a
NCBI Official Synonym Full Names	solute carrier family 14 (urea transporter), member 1
NCBI Official Symbol	Slc14a1
NCBI Official Synonym Symbols	UT-B; Utb1; 2610507K20Rik; 3021401A05Rik
NCBI Protein Information	urea transporter 1
UniProt Protein Name	Urea transporter 1
UniProt Gene Name	Slc14a1
UniProt Synonym Gene Names	UT-B
UniProt Entry Name	UT1_MOUSE

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/slc14a1-mouse-elisa-kits/urea-transporter-1/192000>