

Human 4F2 cell-surface antigen heavy chain ELISA Kit | SLC3A2 elisa kit

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CATALOG #
AAA98579

REACTIVITY
Human

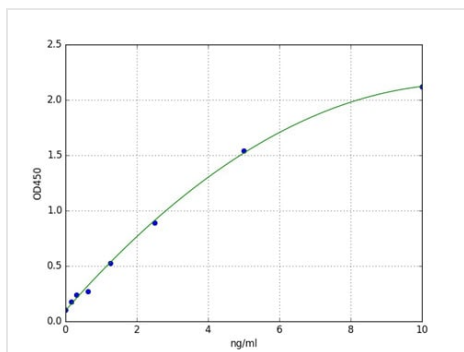
PRODUCT SYNONYMS

4F2 cell-surface antigen heavy chain; Human 4F2 cell-surface antigen heavy chain ELISA Kit; SLC3A2 (4F2 cell-surface antigen heavy chain)/4F2/CD98/4T2HC/antigen identified by monoclonal antibodies 4F2; TRA1.10; TROP4; and T43; 4F2HC/CD98 antigen/CD98 heavy chain/CD98HC/heavy chain/Lymphocyte activation antigen 4F2 large subunit/MDU1antigen defined by monoclonal 4F2; heavy chain/monoclonal 44D7/NACAE4F2 cell-surface antigen heavy chain/solute carrier family 3 (activators of dibasic and neutral amino acidtransport); member 2; 4F2 heavy chain antigen; SLC3A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	630
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human SLC3A2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.015	0.080	0.135	0.243	0.471	0.912	1.665	2.421

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC3A2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human SLC3A2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SLC3A2 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 Human SLC3A2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SLC3A2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	65506891
NCBI GeneID	6520
NCBI Accession #	NP_002385.3
NCBI GenBank Nucleotide #	NM_002394.5
Molecular Weight	71,123 Da
NCBI Official Full Name	4F2 cell-surface antigen heavy chain isoform c
NCBI Official Synonym Full Names	solute carrier family 3 member 2
NCBI Official Symbol	SLC3A2
NCBI Official Synonym Symbols	4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC
NCBI Protein Information	4F2 cell-surface antigen heavy chain
UniProt Protein Name	4F2 cell-surface antigen heavy chain
UniProt Gene Name	SLC3A2
UniProt Synonym Gene Names	MDU1; 4F2hc
UniProt Entry Name	4F2_HUMAN

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/slc3a2-human-elisa-kits/4f2-cell-surface-antigen-heavy-chain/98579>