

Human Solute carrier family 40 member 1 ELISA Kit | SLC40A1 elisa kit

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CATALOG #
AAA23251

REACTIVITY
Human

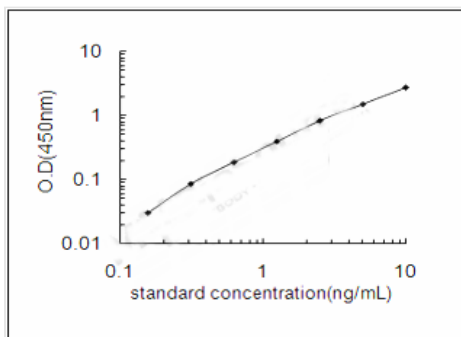
PRODUCT SYNONYMS

Solute carrier family 40 member 1; Human Solute carrier family 40 member 1 ELISA Kit; Ferroportin-1; Iron-regulated transporter 1; SLC40A1; FPN1; IREG1; SLC11A3; MSTP079; SLC40A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Solute carrier family 40 member 1. No significant cross-reactivity or interference was observed.
Sequence Length	571
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=3.7%
Inter-Assay CV	<=7.5%
Recovery	99%
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 SLC40A1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657100
NCBI GeneID	30061
NCBI Accession #	NP_055400.1
NCBI GenBank Nucleotide #	NM_014585.5
UniProt Accession #	Q9NP59; Q6FI62; Q7Z4F8; Q8IVB2; Q9NRL0
Molecular Weight	62,542 Da
NCBI Official Full Name	solute carrier family 40 member 1
NCBI Official Synonym Full Names	solute carrier family 40 (iron-regulated transporter), member 1
NCBI Official Symbol	SLC40A1
NCBI Official Synonym Symbols	FPN1; HFE4; MTP1; IREG1; MST079; MSTP079; SLC11A3
NCBI Protein Information	solute carrier family 40 member 1
UniProt Protein Name	Solute carrier family 40 member 1
UniProt Gene Name	SLC40A1
UniProt Synonym Gene Names	FPN1; IREG1; SLC11A3
UniProt Entry Name	S40A1_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/slc40a1-human-elisa-kits/solute-carrier-family-40-member-1/23251>