

Human ferroportin 1, SLC40A1 ELISA Kit | SLC40A1 elisa kit

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CATALOG #
AAA19093

REACTIVITY
Human

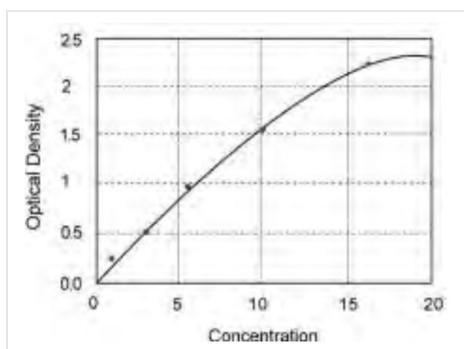
PRODUCT SYNONYMS

ferroportin 1; SLC40A1; Human ferroportin 1; SLC40A1 ELISA Kit; SLC40A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	37
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-38ng/ml
Sensitivity	0.053ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 SLC40A1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SLC40A1 antibody. SLC40A1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SLC40A1 Antibody is added and binds to SLC40A1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SLC40A1 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 SLC40A1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human ferroportin 1 (also known as SLC40A1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8927328
NCBI GeneID	53945
NCBI Official Full Name	ferroportin 1, partial
NCBI Official Synonym Full Names	solute carrier family 40 (iron-regulated transporter), member 1
NCBI Official Symbol	Slc40a1
NCBI Official Synonym Symbols	MTP; OI5; Pcm; Dug; Fpn1; MTP1; IREG1; Slc11a3; Slc39a1
NCBI Protein Information	solute carrier family 40 member 1

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://www.aaabiotech.com/human-elisa-kits/ferroportin-1-slc40a1/19093>