

Mouse Ferroportin (FPN) RTU ELISA Kit | FPN rtu elisa kit

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CATALOG #
AAA70734

REACTIVITY
Mouse

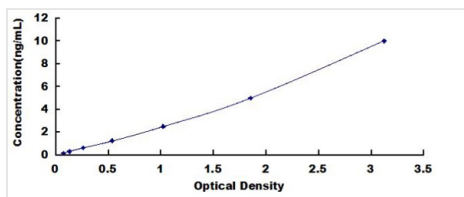
PRODUCT SYNONYMS

Ferroportin (FPN); Mouse Ferroportin (FPN) ELISA Kit; SLC40A1; FPN1; HFE4; IREG1; MTP1; SLC11A3; Solute Carrier Family 40; Member 1; Iron-Regulated Transporter; FPN rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	570
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FPN rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FPN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FPN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FPN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of FPN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248585
NCBI GeneID	53945
NCBI Accession #	NP_058613.2
NCBI GenBank Nucleotide #	NM_016917.2
UniProt Accession #	Q9JHI9; Q3UHZ9; Q8BME5; Q8BUM5; Q9JIM9; Q9JKP4
Molecular Weight	62,702 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	MTP; Ol5; Pcm; Dug; Fpn1; MTP1; IREG1; Slc11a3; Slc39a1
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; Slc39a1; MTP1

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/mouse-rtu-elisa-kits/ferroportin-fpn/70734>