

Human Mitoferrin (MFRN) RTU ELISA Kit | MFRN rtu elisa kit

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CATALOG #
AAA217014

REACTIVITY
Human

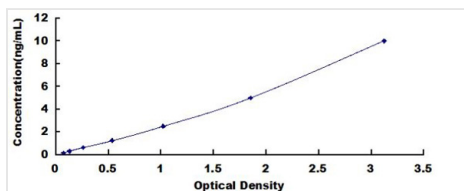
PRODUCT SYNONYMS

Mitoferrin (MFRN); Human Mitoferrin (MFRN) ELISA Kit; SLC25A37; MSC; HT015; MSCP; Solute Carrier Family 25 Member 37; Mitochondrial iron transporter 1; Mitochondrial solute carrier protein; MFRN rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	187
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/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 MFRN rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MFRN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MFRN. 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 MFRN, 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 MFRN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	961349587
NCBI GeneID	51312
NCBI Accession #	NP_001304741.1
NCBI GenBank Nucleotide #	NM_001317812.1
UniProt Accession #	Q9NYZ2; Q53FT7; Q69YJ8; Q969S1; Q9P0J2; A2RU93
Molecular Weight	21,125 Da
NCBI Official Full Name	mitoferrin-1 isoform 2
NCBI Official Synonym Full Names	solute carrier family 25 member 37
NCBI Official Symbol	SLC25A37
NCBI Official Synonym Symbols	MSC; MFRN; MSCP; HT015; MFRN1; PRO1278; PRO1584; PRO2217
NCBI Protein Information	mitoferrin-1
UniProt Protein Name	Mitoferrin-1
UniProt Gene Name	SLC25A37
UniProt Synonym Gene Names	MFRN; MSCP

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/human-rtu-elisa-kits/mitoferrin-mfrn/217014>