

Mouse MFN2/Mitofusin-2 ELISA Kit | MFN2 elisa kit

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CATALOG #
AAA196754

REACTIVITY
Mouse

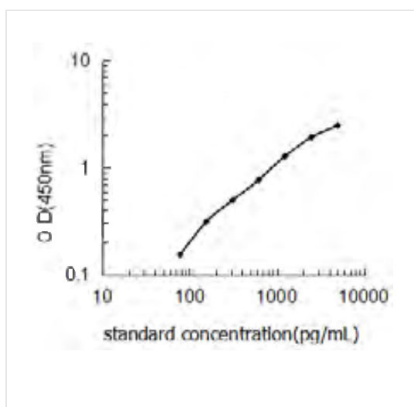
PRODUCT SYNONYMS

MFN2/Mitofusin-2; Mouse MFN2/Mitofusin-2 ELISA Kit; Mitofusin-2; Hypertension-related protein 1; Mitochondrial assembly regulatory factor; HSG protein; Transmembrane GTPase MFN2; Kiaa0214; Marf; MFN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Mitofusin-2
Sequence Length	757
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 31 pg/mL
Intra-assay Precision	<=5.4%
Inter-assay Precision	<=8.1%
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 MFN2 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 #	120407048
NCBI GeneID	170731
NCBI Accession #	NP_573464.2
NCBI GenBank Nucleotide #	NM_133201.3
UniProt Accession #	Q80U63
NCBI Official Full Name	mitofusin-2
NCBI Official Synonym Full Names	mitofusin 2
NCBI Official Symbol	Mfn2
NCBI Official Synonym Symbols	Fzo; D630023P19Rik
NCBI Protein Information	mitofusin-2
UniProt Protein Name	Mitofusin-2
UniProt Gene Name	Mfn2
UniProt Synonym Gene Names	Kiaa0214; Marf; HSG protein

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.