

Human MFN2 (Mitofusin-2) ELISA Kit | MFN2 elisa kit

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CATALOG #
AAA248493

REACTIVITY
Human

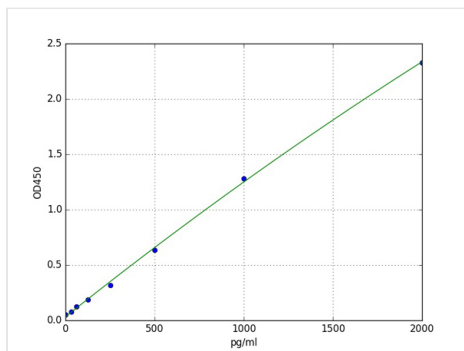
PRODUCT SYNONYMS

MFN2 (Mitofusin-2); Human MFN2 (Mitofusin-2) ELISA Kit; Mitofusin-2; MFN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	757
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFN2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-MFN2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-MFN2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the MFN2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MFN2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

189083768

NCBI GeneID	9927
NCBI Accession #	NP_001121132.1
NCBI GenBank Nucleotide #	NM_001127660.1
UniProt Accession #	O95140; O95572; Q5JXC3; Q5JXC4; Q9H131; Q9NSX8; A8K1B3
Molecular Weight	50,041 Da
NCBI Official Full Name	mitofusin-2
NCBI Official Synonym Full Names	mitofusin 2
NCBI Official Symbol	MFN2
NCBI Official Synonym Symbols	HSG; MARF; CMT2A; CPRP1; CMT2A2; HMSN6A; CMT2A2A; CMT2A2B
NCBI Protein Information	mitofusin-2
UniProt Protein Name	Mitofusin-2
UniProt Gene Name	MFN2
UniProt Synonym Gene Names	CPRP1; KIAA0214

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-elisa-kits/mfn2-mitofusin-2/248493>