

Mouse FIS1 (Fission 1) ELISA Kit | FIS1 elisa kit

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CATALOG #
AAA250743

REACTIVITY
Mouse

PRODUCT SYNONYMS

FIS1 (Fission 1); Mouse FIS1 (Fission 1) ELISA Kit; Mitochondrial fission 1 protein; FIS1 homolog; Tetratricopeptide repeat protein 11 (TPR repeat protein 11); Fis1; FIS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FIS1. No significant cross-reactivity or interference between FIS1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for FIS1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	253735731
NCBI GeneID	66437
NCBI Accession #	NP_001156715.1
NCBI GenBank Nucleotide #	NM_001163243.1
UniProt Accession #	Q9CQ92
Molecular Weight	17,009 Da
NCBI Official Full Name	mitochondrial fission 1 protein isoform 2

NCBI Official Synonym Full Names	fission 1 (mitochondrial outer membrane) homolog (yeast)
NCBI Official Symbol	Fis1
NCBI Official Synonym Symbols	Ttc11; 2010003O14Rik
NCBI Protein Information	mitochondrial fission 1 protein; FIS1 homolog; TPR repeat protein 11; tetratricopeptide repeat domain 11; tetratricopeptide repeat protein 11
UniProt Protein Name	Mitochondrial fission 1 protein
UniProt Gene Name	Fis1
UniProt Synonym Gene Names	Ttc11; TPR repeat protein 11
UniProt Entry Name	FIS1_MOUSE

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-elisa-kits/fis1-fission-1/250743>