

Human Mitochondrial Fission Factor (MFF) ELISA Kit | MFF elisa kit

Human Mitochondrial Fission Factor (MFF) ELISA Kit

CATALOG #
AAA331791

REACTIVITY
Human

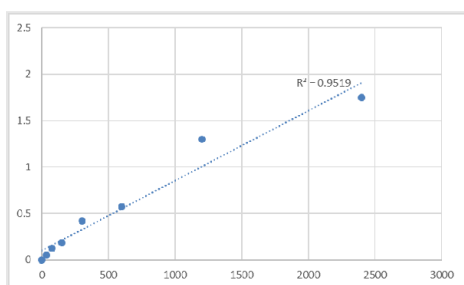
PRODUCT SYNONYMS

Mitochondrial Fission Factor (MFF); Human Mitochondrial Fission Factor (MFF) ELISA Kit; MFF; C2orf33; DKFZp666J168; GL004; MGC110913; OTTHUMP00000164235; MFF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mitochondrial fission factor (MFF) ELISA Kit has high sensitivity and excellent specificity for detection of Human MFF. No significant cross-reactivity or interference between Human MFF and analogues was observed.
Sequence Length	342
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Mitochondrial fission factor (MFF) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MFF elisa kit	Description: This Human Mitochondrial fission factor (MFF) ELISA Kit employs a two-site sandwich ELISA to quantitate MFF in samples. An antibody specific for MFF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MFF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MFF is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MFF bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MFF a nuclear gene encoding Mitochondrial fission factor that functions in mitochondrial and peroxisomal fission. The encoded protein recruits dynamin-1-like protein (DNM1L) to mitochondria. There are multiple pseudogenes for MFF on chromosomes 1, 5, and X. Alternative splicing results in multiple transcript variants.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	457866833
NCBI GeneID	56947
NCBI Accession #	NP_001263990.1
NCBI GenBank Nucleotide #	NP_001263990.1
UniProt Accession #	Q9GZY8
NCBI Official Full Name	mitochondrial fission factor isoform a
NCBI Official Synonym Full Names	mitochondrial fission factor
NCBI Official Symbol	MFF
NCBI Official Synonym Symbols	EMPF2; GL004; C2orf33
NCBI Protein Information	mitochondrial fission factor
UniProt Protein Name	Mitochondrial fission factor
UniProt Gene Name	MFF
UniProt Synonym Gene Names	C2orf33; AD030; AD033; GL004
UniProt Entry Name	MFF_HUMAN

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.