

Human Microfibrillar Associated Protein 3 (MFAP3) ELISA Kit | MFAP3 elisa kit

Human Microfibrillar Associated Protein 3 (MFAP3)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152489

REACTIVITY
Human

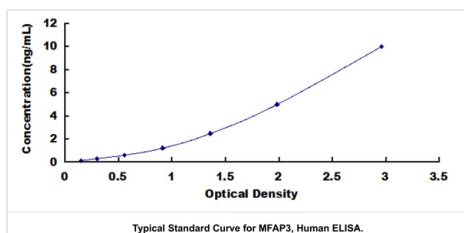
PRODUCT SYNONYMS

Microfibrillar Associated Protein 3 (MFAP3); Human Microfibrillar Associated Protein 3 (MFAP3)(Sandwich ELISA) ELISA Kit; ELISA Kit for Microfibrillar Associated Protein 3 (MFAP3); MFAP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MFAP3. No significant cross-reactivity or interference between MFAP3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MFAP3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MFAP3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFAP3 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MFAP3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MFAP3. 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 MFAP3, 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 ± 10nm. The concentration of MFAP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MFAP3 in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334191695
NCBI GeneID	4238
NCBI Accession #	NP_001229265
NCBI GenBank Nucleotide #	NM_001242336.1
UniProt Accession #	P55082; Q9NXA7; B2RDK0; B4DKA1
Molecular Weight	16.7 kDa (152aa) confirmed by MALDI-TOF
NCBI Official Full Name	microfibril-associated glycoprotein 3 isoform 1
NCBI Official Synonym Full Names	microfibril associated protein 3
NCBI Official Symbol	MFAP3
NCBI Protein Information	microfibril-associated glycoprotein 3
UniProt Protein Name	Microfibril-associated glycoprotein 3
UniProt Gene Name	MFAP3

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.