

Human Microfibril-associated glycoprotein 3 (MFAP3) ELISA Kit | MFAP3 elisa kit

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CATALOG #
AAA190370

REACTIVITY
Human

PRODUCT SYNONYMS

Microfibril-associated glycoprotein 3 (MFAP3); Human Microfibril-associated glycoprotein 3 (MFAP3) ELISA Kit; DKFZp586F0219; OTTHUMP00000160644; MFAP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MFAP3. No significant cross-reactivity or interference between Human MFAP3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for MFAP3 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate MFAP3 in Human serum, plasma. An antibody specific for MFAP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MFAP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MFAP3 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 MFAP3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Microfibril-associated glycoprotein 3 (MFAP3) concentration in serum, plasma 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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/microfibril-associated-glycoprotein-3-mfap3/190370>