

Human Microfibrillar Associated Protein 5 (MFAP5) ELISA Kit | MFAP5 elisa kit

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CATALOG #
AAA149160

REACTIVITY
Human

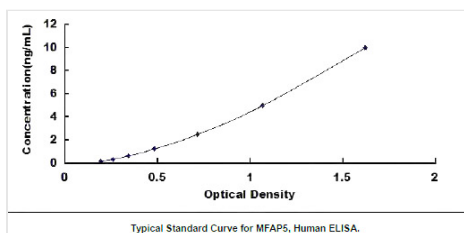
PRODUCT SYNONYMS

Microfibrillar Associated Protein 5 (MFAP5); Human Microfibrillar Associated Protein 5 (MFAP5) ELISA Kit; MAGP2; MP25; Microfibril-associated glycoprotein 2; MFAP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ME20M. No significant cross-reactivity or interference between ME20M and analogues was observed.
Sequence Length	155
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates 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 ME20M 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 ME20M were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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 MFAP5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ME20M in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ME20M. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ME20M. 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 ME20M, 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 ME20M in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MFAP5 elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	1075156926
UniProt Accession #	A0A1A8VC54
Molecular Weight	17,863 Da
NCBI Official Full Name	microfibrillar associated protein 5, partial
UniProt Protein Name	Microfibrillar associated protein 5
UniProt Gene Name	MFAP5

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/microfibrillar-associated-protein-5-mfap5/149160>