

## Human MFAP5 ELISA Kit | MFAP5 elisa kit

Human MFAP5 ELISA Kit PicoKine

|                               |                            |                              |
|-------------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA128025</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

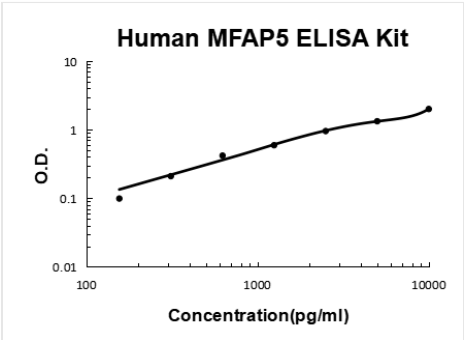
MFAP5; Human MFAP5 ELISA Kit PicoKine; MFAP5 elisa kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                        | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Samples                                           | cell culture supernatants, serum and plasma (heparin, EDTA, citrate)                                                                                                                                                                                                                                                                                                                             |
| Assay Range                                       | 156pg/ml-10,000pg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity                                       | <75pg/ml                                                                                                                                                                                                                                                                                                                                                                                         |
| Capture antibody and Detection antibody           | polyclonal antibody from goat polyclonal antibody from goat                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                         | Expression system for standard: NS0; Immunogen sequence: I22-L173                                                                                                                                                                                                                                                                                                                                |
| Anticoagulant                                     | heparin, EDTA or citrate                                                                                                                                                                                                                                                                                                                                                                         |
| Cross Reactivity                                  | There is no detectable cross-reactivity with other relevant proteins.                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for MFAP5 elisa kit       | ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| Kit Components                                    | Description/Quantity<br>Pre-coated 96-well strip microplate/1<br>Standard/2 vials, 10 ng/tube<br>Biotinylated antibody (100x)/100ul<br>Avidin-Biotin-Peroxidase Complex (100x)/100ul<br>Sample Diluent/30ml<br>Antibody Diluent/12ml<br>Avidin-Biotin-Peroxidase Diluent/12ml<br>Color Developing Reagent (TMB)/10ml<br>Stop Solution/10ml<br>Wash Buffer (25x)/20ml<br>Adhesive plate sealers/4 |
| Materials Required But Not Provided               | Microplate Reader capable of reading absorbance at 450nm.<br>Incubator.<br>Automated plate washer (optional).<br>Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions.<br>Multichannel pipettes are recommended for large amount of samples.<br>Deionized or distilled water.<br>500ml graduated cylinders.<br>Test tubes for dilution.      |
| Sample Data                                       | Concentration(pg/ml)01563126251,2502,5005,00010,000O.D.0.0420.1410.2520.4610.6360.9971.3712.046                                                                                                                                                                                                                                                                                                  |
| Intra Assay Consistency & Inter Assay Consistency | Intra-Assay PrecisionInter-Assay Precision<br>Sample123123n161616242424Mean(pg/ml)30639332032673943107Standard deviation7.4713.3294.4914.8514.38122.73CV(%)2.4%3.4%3%5.6%3.7%4%                                                                                                                                                                                                                  |

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reproducibility         | LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample<br>130617827317523314.176.1%Sample 239341540941040724.576%Sample<br>332034322452344164116179.054.4%*number of samples for each test n=16. |
| Preparation and Storage | Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)                                              |

IMAGES



Standard Curve (Sample)  
Human MFAP5 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MFAP5 elisa kit | The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays. |
| Product Categories/Family for MFAP5 elisa kit   | <a href="#">PicoKine ELISA Kits</a>                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4505089</a>                                                                                                           |
| NCBI GeneID                      | <a href="#">8076</a>                                                                                                              |
| NCBI Accession #                 | <a href="#">NP_003471.1</a>                                                                                                       |
| NCBI GenBank Nucleotide #        | <a href="#">NM_003480.2</a>                                                                                                       |
| UniProt Accession #              | <a href="#">Q13361</a> ; <a href="#">B0AZL6</a> ; <a href="#">D3DUV1</a>                                                          |
| Molecular Weight                 | 19,612 Da                                                                                                                         |
| NCBI Official Full Name          | microfibrillar-associated protein 5                                                                                               |
| NCBI Official Synonym Full Names | microfibrillar associated protein 5                                                                                               |
| NCBI Official Symbol             | MFAP5                                                                                                                             |
| NCBI Official Synonym Symbols    | MP25; MAGP2                                                                                                                       |
| NCBI Protein Information         | microfibrillar-associated protein 5; MAGP-2; MFAP-5; microfibril-associated glycoprotein 2; microfibril-associated glycoprotein-2 |
| UniProt Protein Name             | Microfibrillar-associated protein 5                                                                                               |
| UniProt Gene Name                | <b>MFAP5</b>                                                                                                                      |
| UniProt Synonym Gene Names       | MAGP2; MFAP-5; MAGP-2                                                                                                             |
| UniProt Entry Name               | MFAP5_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mfap5/128025>