

Human MMP-2 ELISA Kit | MMP-2 elisa kit

Human MMP-2 PicoKine Quick ELISA Kit

CATALOG # AAA128057	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

MMP-2; Human MMP-2 PicoKine Quick ELISA Kit; MMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma(heparin)
Assay Range	625pg/ml-40,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: CHO; Immunogen sequence: G311-S426
Anticoagulant	heparin
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for MMP-2 elisa kit	ELISA
Kit Components	Description/Quantity/Volume Anti-tag Pre-coated 96-well Strip Microplate/1/12 strips of 8 wells Standard/2, 40 ng/tube Antibody A/1/3ml Antibody B/1/3ml Sample Diluent/1/15ml TBS-T Wash Buffer (25x)/1/12ml Color Developing Reagent (TMB)/1/10ml Stop Solution/1/10ml Adhesive plate sealers/2/Piece
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Automated plate washer (optional) Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution. Horizontal orbital microplate shaker capable of maintaining a speed of 500rpm, amplitude 3mm.
Sample Data	Concentration(pg/ml)06251,2502,5005,00010,00020,00040,000O.D.0.0150.1900.3350.6271.1381.7381.9052.079
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)952133518263716135610353Standard deviation53.0397.051313.1118.8358.99792CV(%)5.6%7.3%7.2%2.6%4.4%7.7%
Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 19521166113069398550.155.1%Sample 21335214917731456166839.372.4%Sample 31862316083102511487614868793.965.3%*number of samples for each test n=16.

Preparation and Storage

Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES

Standard Curve (Sample)
Human MMP-2 PicoKine Quick ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for MMP-2 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 MMP-2 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	315434240
NCBI GeneID	284
NCBI Accession #	NP_001186788.1
NCBI GenBank Nucleotide #	NM_001199859.1
UniProt Accession #	Q15389 ; Q5HYA0
Molecular Weight	57,513 Da
NCBI Official Full Name	angiotensin-1 isoform 2
NCBI Official Synonym Full Names	angiotensin 1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	AGP1; AGPT; ANG1
NCBI Protein Information	angiotensin-1; ANG-1
UniProt Protein Name	Angiotensin-1
UniProt Gene Name	ANGPT1
UniProt Synonym Gene Names	KIAA0003; ANG-1
UniProt Entry Name	ANGP1_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/mmp-2/128057>