

Mouse ECM1 ELISA Kit | ECM1 elisa kit

Mouse ECM1 ELISA Kit PicoKine

CATALOG # AAA128035	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

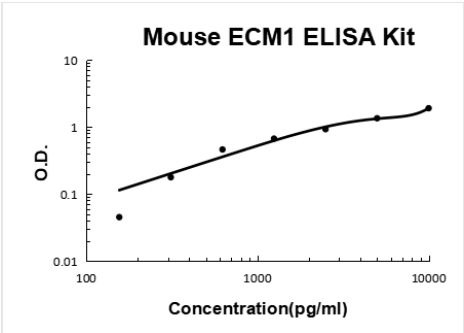
ECM1; Mouse ECM1 ELISA Kit PicoKine; Extracellular matrix protein 1; extracellular matrix protein 1; ECM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<20pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: A20-E559
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for ECM1 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. 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.
Sample Data	Concentration(pg/ml)01563126251,2502,5005,00010,000O.D.0.0290.0740.2060.4890.6970.9521.3741.928
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n161616242424Mean(pg/ml)2871206364527312344917Standard deviation7.2367.29275.5611.7431.59341.24CV(%)2.5%5.6%7.6%4.3%2.6%6.9%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 128722521730725914.225.5%Sample 212069421057968104333.183.2%Sample 336453059255248103517158.244.5%*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)
Mouse ECM1 ELISA Kit PicoKine standard curve

ADDITIONAL INFORMATION

Related Product Information for ECM1 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 ECM1 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	170295832
NCBI GeneID	13601
NCBI Accession #	NP_031925.2
NCBI GenBank Nucleotide #	NM_007899.2
UniProt Accession #	Q61508 ; Q3U5Q5
Molecular Weight	48,357 Da
NCBI Official Full Name	extracellular matrix protein 1 isoform 1
NCBI Official Synonym Full Names	extracellular matrix protein 1
NCBI Official Symbol	Ecm1
NCBI Official Synonym Symbols	p85; AI663821
NCBI Protein Information	extracellular matrix protein 1
UniProt Protein Name	Extracellular matrix protein 1
UniProt Gene Name	Ecm1

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.