

Human extracellular matrix protein 1 ELISA Kit | ECM1 elisa kit

Human Extracellular matrix protein 1, ECM1 ELISA Kit

CATALOG #
AAA113002

REACTIVITY
Human

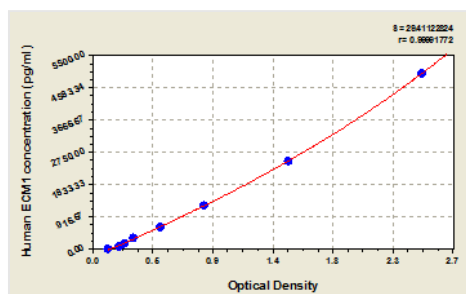
PRODUCT SYNONYMS

extracellular matrix protein 1; Human Extracellular matrix protein 1; ECM1 ELISA Kit; Human Extracellular matrix protein 1 (ECM1) ELISA kit; RP11-54A4.6; secretory component p85; ECM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of escherichia coli protein (E.coli P). No significant cross-reactivity or interference between escherichia coli protein (E.coli P) and analogues was observed.
Sequence Length	559
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECM1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for E.coli P has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any E.coli P present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for E.coli P is added to the wells. After washing, avidin 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 E.coli P bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	62,832 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; secretory component p85
UniProt Protein Name	Extracellular matrix protein 1
UniProt Gene Name	Ecm1
UniProt Entry Name	ECM1_MOUSE

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/ecm1-human-elisa-kits/extracellular-matrix-protein-1/113002>