

Mouse Extracellular Matrix Protein 1 ELISA Kit | ECM1 elisa kit

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CATALOG #
AAA84380

REACTIVITY
Mouse

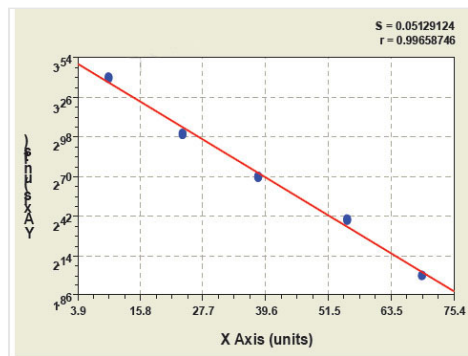
PRODUCT SYNONYMS

Extracellular Matrix Protein 1; Mouse Extracellular Matrix Protein 1 ELISA Kit; ECM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ECM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ECM1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECM1 elisa kit

Principle of the Assay: ECM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ECM1 antibody and an ECM1-HRP conjugate. The assay sample and buffer are incubated together with ECM1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ECM1 concentration since ECM1 from samples and ECM1-HRP conjugate compete for the anti-ECM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ECM1 from the sample, fewer sites are left to bind ECM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ECM1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2654433
Molecular Weight	63,563 Da
NCBI Official Full Name	extracellular matrix protein 1
UniProt Protein Name	Extracellular matrix protein 1
UniProt Gene Name	ECM1
UniProt Entry Name	ECM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ecm1-mouse-elisa-kits/extracellular-matrix-protein-1/84380>