

Human Multimerin 1 (MMRN1) ELISA Kit | MMRN1 elisa kit

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CATALOG #
AAA63522

REACTIVITY
Human

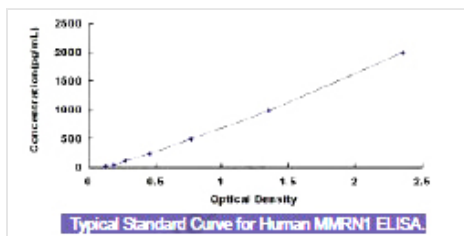
PRODUCT SYNONYMS

Multimerin 1 (MMRN1); Human Multimerin 1 (MMRN1) ELISA Kit; ECM; EMILIN4; GPIa; MMRN; Glycoprotein Ia; Elastin microfibril interface located protein 4; Endothelial cell multimerin; Platelet glycoprotein Ia; 155 kDa platelet multimerin; MMRN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MMRN1. No significant cross-reactivity or interference between MMRN1 and analogues was observed.
Sequence Length	1228
Samples	Serum, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	9.6pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MMRN1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MMRN1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMRN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MMRN1 in human serum, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMRN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MMRN1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MMRN1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MMRN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45269141
NCBI GeneID	22915
NCBI Accession #	NP_031377.2
NCBI GenBank Nucleotide #	NM_007351.2
UniProt Accession #	Q13201; Q4W5L1; Q6P3T8; Q6ZUL9
Molecular Weight	58,170 Da
NCBI Official Full Name	multimerin-1
NCBI Official Synonym Full Names	multimerin 1
NCBI Official Symbol	MMRN1
NCBI Official Synonym Symbols	ECM; MMRN; GPIa*; EMILIN4
NCBI Protein Information	multimerin-1
UniProt Protein Name	Multimerin-1
UniProt Gene Name	MMRN1
UniProt Synonym Gene Names	ECM; EMILIN4; GPIA*; MMRN; Elastin microfibril interfacier 4; p-155; p155

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.