

Human Monocyte To Macrophage Differentiation Associated Protein (MMA) ELISA Kit | MMA elisa kit

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CATALOG # AAA67148	REACTIVITY Human
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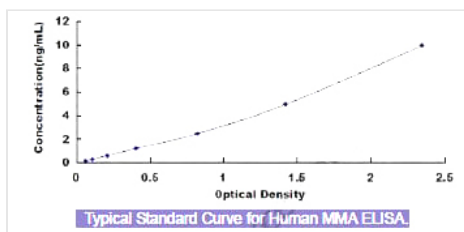
PRODUCT SYNONYMS

Monocyte To Macrophage Differentiation Associated Protein (MMA); Human Monocyte To Macrophage Differentiation Associated Protein (MMA) ELISA Kit; MMD; PAQR11; Progestin and adipoQ receptor family member 11; MMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MMA. No significant cross-reactivity or interference between MMA and analogues was observed.
Sequence Length	238
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MMA 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 MMA 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 MMA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MMA in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MMA. 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 MMA, 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 MMA 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 #	52630445
NCBI GeneID	23531
NCBI Accession #	NP_036461.2
NCBI GenBank Nucleotide #	NM_012329.2
UniProt Accession #	Q15546; Q8TAN7; B2R6X9; D3DTY6
Molecular Weight	27,667 Da
NCBI Official Full Name	monocyte to macrophage differentiation factor
NCBI Official Synonym Full Names	monocyte to macrophage differentiation associated
NCBI Official Symbol	MMD
NCBI Official Synonym Symbols	MMA; MMD1; PAQR11
NCBI Protein Information	monocyte to macrophage differentiation factor
UniProt Protein Name	Monocyte to macrophage differentiation factor
UniProt Gene Name	MMD
UniProt Synonym Gene Names	PAQR11

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.