

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

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CATALOG #
AAA140004

REACTIVITY
Human

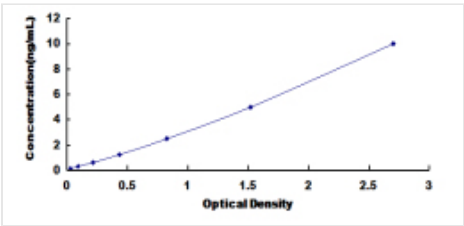
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Monocyte To Macrophage Differentiation Associated Protein (MMA). No significant cross-reactivity or interference between Monocyte To Macrophage Differentiation Associated Protein (MMA) and analogues was observed.
Sequence Length	238
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Monocyte To Macrophage Differentiation Associated Protein (MMA) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Monocyte To Macrophage Differentiation Associated Protein (MMA) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMA elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Monocyte To Macrophage Differentiation Associated Protein (MMA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Monocyte To Macrophage Differentiation Associated Protein (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 Monocyte To Macrophage Differentiation Associated Protein (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 Monocyte To Macrophage Differentiation Associated Protein (MMA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MMA elisa kit	Infection immunity; Immune molecule; Dermatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	20071179
NCBI GeneID	23531
UniProt Accession #	Q15546; Q8TAN7; B2R6X9; D3DTY6
Molecular Weight	27,667 Da
NCBI Official Full Name	Monocyte to macrophage differentiation-associated
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
UniProt Entry Name	PAQRB_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.