

Human Migration And Invasion Enhancer 1 (MIEN1) ELISA Kit | MIEN1 elisa kit

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CATALOG #
AAA187852

REACTIVITY
Human

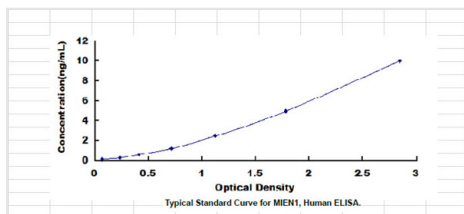
PRODUCT SYNONYMS

Migration And Invasion Enhancer 1 (MIEN1); Human Migration And Invasion Enhancer 1 (MIEN1) ELISA Kit; RDX12; C35; ORB3; XTP4; C17orf37; Redox Protein 12kDa; HBV X-transactivated gene 4 protein; HBV XAg-transactivated protein 4; MIEN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MIEN1. No significant cross-reactivity or interference between MIEN1 and analogues was observed.
Sequence Length	115
Samples	Human tissue homogenates, cell lysates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	< 0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MIEN1 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 MIEN1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 MIEN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MIEN1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MIEN1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MIEN1. 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 MIEN1, 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 MIEN1 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 #	42822891
NCBI GeneID	84299
NCBI Accession #	NP_115715.3
NCBI GenBank Nucleotide #	NM_032339.4
UniProt Accession #	Q9BRT3
Molecular Weight	12,403 Da
NCBI Official Full Name	migration and invasion enhancer 1 isoform 1
NCBI Official Synonym Full Names	migration and invasion enhancer 1
NCBI Official Symbol	MIEN1
NCBI Official Synonym Symbols	C35; ORB3; XTP4; RDX12; C17orf37
NCBI Protein Information	migration and invasion enhancer 1
UniProt Protein Name	Migration and invasion enhancer 1
UniProt Gene Name	MIEN1
UniProt Synonym Gene Names	C17orf37; RDX12; XTP4

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/human-elisa-kits/migration-and-invasion-enhancer-1-mien1/187852>