

Human Mesoderm Induction Early Response Protein 1 (MIER1) ELISA Kit | MIER1 elisa kit

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CATALOG #
AAA331773

REACTIVITY
Human

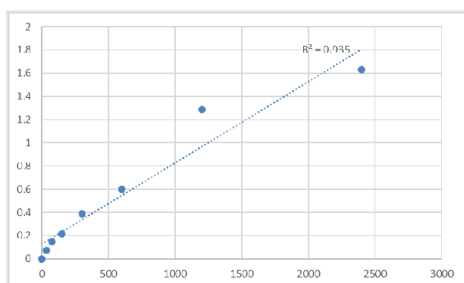
PRODUCT SYNONYMS

Mesoderm Induction Early Response Protein 1 (MIER1); Human Mesoderm Induction Early Response Protein 1 (MIER1) ELISA Kit; MIER1; DKFZp781G0451; ER1; KIAA1610; MGC131940; MGC150640; MGC150641; MI-ER1; RP5-944N15.1; hMI-ER1; mesoderm induction early response 1; mesoderm induction early response 1 (MI-ER1); MIER1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mesoderm induction early response protein 1 (MIER1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MIER1. No significant cross-reactivity or interference between Human MIER1 and analogues was observed.
Sequence Length	565
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Mesoderm induction early response protein 1 (MIER1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MIER1 elisa kit	Description: This Human Mesoderm induction early response protein 1 (MIER1) ELISA Kit employs a two-site sandwich ELISA to quantitate MIER1 in samples. An antibody specific for MIER1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MIER1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MIER1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MIER1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MIER1 encodes a protein that was first identified in Xenopus laevis by its role in a mesoderm induction early response (MIER). Mesoderm induction early response protein 1 functions as a transcriptional regulator. Alternatively spliced transcript variants encode multiple isoforms, some of which lack a C-terminal nuclear localization signal.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225735607
NCBI GeneID	57708
NCBI Accession #	NP_001071168.2
NCBI GenBank Nucleotide #	NP_001071168.2
UniProt Accession #	Q8N108
NCBI Official Full Name	mesoderm induction early response protein 1 isoform b
NCBI Official Synonym Full Names	MIER1 transcriptional regulator
NCBI Official Symbol	MIER1
NCBI Official Synonym Symbols	ER1; MI-ER1
NCBI Protein Information	mesoderm induction early response protein 1
UniProt Protein Name	Mesoderm induction early response protein 1
UniProt Gene Name	MIER1
UniProt Synonym Gene Names	KIAA1610; Early response 1; Er1; Mi-er1; hMi-er1
UniProt Entry Name	MIER1_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/human-elisa-kits/mesoderm-induction-early-response-protein-1-mier1/331773>