

Human Mesoderm-Specific Transcript Homolog Protein (MEST) ELISA Kit | MEST elisa kit

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CATALOG #
AAA331795

REACTIVITY
Human

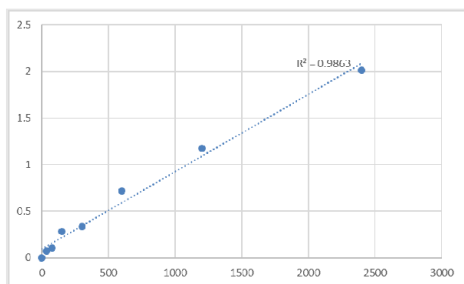
PRODUCT SYNONYMS

Mesoderm-Specific Transcript Homolog Protein (MEST); Human Mesoderm-Specific Transcript Homolog Protein (MEST) ELISA Kit; MEST; DKFZp686L18234; MGC111102; MGC8703; PEG1; mesoderm specific transcript; paternally expressed gene 1; MEST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mesoderm-specific transcript homolog protein (MEST) ELISA Kit has high sensitivity and excellent specificity for detection of Human MEST. No significant cross-reactivity or interference between Human MEST and analogues was observed.
Sequence Length	335
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-specific transcript homolog protein (MEST) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MEST elisa kit	Description: This Human Mesoderm-specific transcript homolog protein (MEST) ELISA Kit employs a two-site sandwich ELISA to quantitate MEST in samples. An antibody specific for MEST has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MEST present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MEST 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 MEST bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MEST encodes a member of the alpha/beta hydrolase superfamily. It is imprinted, exhibiting preferential expression from the paternal allele in fetal tissues, and isoform-specific imprinting in lymphocytes. The loss of imprinting of this gene has been linked to certain types of cancer and may be due to promotor switching. Mesoderm-specific transcript homolog protein may play a role in development. Alternatively spliced transcript variants encoding multiple isoforms have been identified for MEST. Pseudogenes of MEST are located on the short arm of chromosomes 3 and 4, and the long arm of chromosomes 6 and 15.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145566794
NCBI GeneID	4232
UniProt Accession #	Q5EB52
NCBI Official Full Name	Mesoderm-specific transcript homolog protein
NCBI Official Synonym Full Names	mesoderm specific transcript
NCBI Official Symbol	MEST
NCBI Official Synonym Symbols	PEG1
NCBI Protein Information	mesoderm-specific transcript homolog protein
UniProt Protein Name	Mesoderm-specific transcript homolog protein
UniProt Gene Name	MEST
UniProt Synonym Gene Names	PEG1
UniProt Entry Name	MEST_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mesoderm-specific-transcript-homolog-protein-mest/331795>