

Human Mesoderm Posterior Protein 1 (MESP1) ELISA Kit | MESP1 elisa kit

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CATALOG #
AAA331797

REACTIVITY
Human

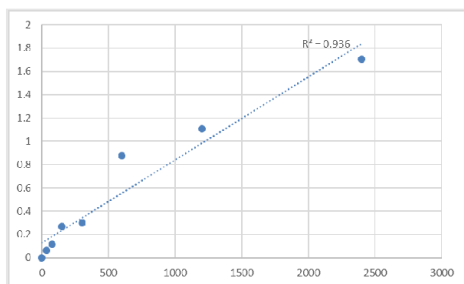
PRODUCT SYNONYMS

Mesoderm Posterior Protein 1 (MESP1); Human Mesoderm Posterior Protein 1 (MESP1) ELISA Kit; MESP1; MGC10676; bHLHc5; mesoderm posterior 1; MESP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mesoderm posterior protein 1 (MESP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MESP1. No significant cross-reactivity or interference between Human MESP1 and analogues was observed.
Sequence Length	268
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 posterior protein 1 (MESP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MESP1 elisa kit	Description: This Human Mesoderm posterior protein 1 (MESP1) ELISA Kit employs a two-site sandwich ELISA to quantitate MESP1 in samples. An antibody specific for MESP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MESP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MESP1 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 MESP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MESP1 (Mesoderm Posterior BHLH Transcription Factor 1) is a Protein Coding gene. Among its related pathways are Cardiac Progenitor Differentiation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and protein dimerization activity. An important paralog of this gene is MESP2. Transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14149724
NCBI GeneID	55897
NCBI Accession #	NP_061140.1
NCBI GenBank Nucleotide #	NP_061140.1
UniProt Accession #	Q9BRJ9
NCBI Official Full Name	mesoderm posterior protein 1
NCBI Official Synonym Full Names	mesoderm posterior bHLH transcription factor 1
NCBI Official Symbol	MESP1
NCBI Official Synonym Symbols	bHLHc5
NCBI Protein Information	mesoderm posterior protein 1
UniProt Protein Name	Mesoderm posterior protein 1
UniProt Gene Name	MESP1
UniProt Synonym Gene Names	BHLHC5; bHLHc5

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://www.aaabiotech.com/human-elisa-kits/mesoderm-posterior-protein-1-mesp1/331797>