

Human Mesoderm Posterior Protein 2 (MESP2) ELISA Kit | MESP2 elisa kit

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CATALOG #
AAA331796

REACTIVITY
Human

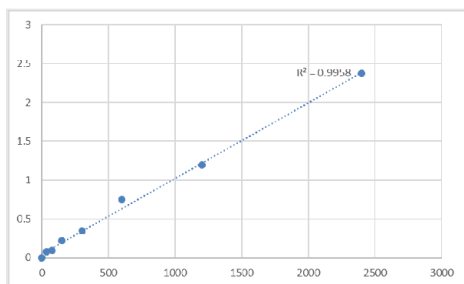
PRODUCT SYNONYMS

Mesoderm Posterior Protein 2 (MESP2); Human Mesoderm Posterior Protein 2 (MESP2) ELISA Kit; MESP2; SCDO2; bHLHc6; mesoderm posterior 2 homolog; MESP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mesoderm posterior protein 2 (MESP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MESP2. No significant cross-reactivity or interference between Human MESP2 and analogues was observed.
Sequence Length	397
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 2 (MESP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MESP2 elisa kit	Description: This Human Mesoderm posterior protein 2 (MESP2) ELISA Kit employs a two-site sandwich ELISA to quantitate MESP2 in samples. An antibody specific for MESP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MESP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MESP2 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 MESP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MESP2 encodes a member of the bHLH family of transcription factors and plays a key role in defining the rostrocaudal patterning of somites via interactions with multiple Notch signaling pathways. MESP2 is expressed in the anterior presomitic mesoderm and is downregulated immediately after the formation of segmented somites. MESP2 also plays a role in the formation of epithelial somitic mesoderm and cardiac mesoderm. Mutations in the MESP2 gene cause autosomal recessive spondylocostal dystosis 2 (SCD02).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	90403598
NCBI GeneID	145873
NCBI Accession #	NP_001035047.1
NCBI GenBank Nucleotide #	NP_001035047.1
UniProt Accession #	Q0VG99
NCBI Official Full Name	mesoderm posterior protein 2
NCBI Official Synonym Full Names	mesoderm posterior bHLH transcription factor 2
NCBI Official Symbol	MESP2
NCBI Official Synonym Symbols	SCDO2; bHLHc6
NCBI Protein Information	mesoderm posterior protein 2
UniProt Protein Name	Mesoderm posterior protein 2
UniProt Gene Name	MESP2
UniProt Synonym Gene Names	BHLHC6; SCDO2; bHLHc6

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-2-mesp2/331796>