

Human Homeobox Protein MOX-1 (MEOX1) ELISA Kit | MEOX1 elisa kit

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CATALOG #
AAA331804

REACTIVITY
Human

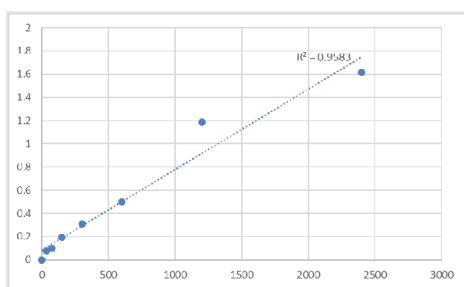
PRODUCT SYNONYMS

Homeobox Protein MOX-1 (MEOX1); Human Homeobox Protein MOX-1 (MEOX1) ELISA Kit; MEOX1; MOX1; mesenchyme homeo box 1; MEOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Homeobox protein MOX-1 (MEOX1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MEOX1. No significant cross-reactivity or interference between Human MEOX1 and analogues was observed.
Sequence Length	254
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 Homeobox protein MOX-1 (MEOX1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MEOX1 elisa kit	Description: This Human Homeobox protein MOX-1 (MEOX1) ELISA Kit employs a two-site sandwich ELISA to quantitate MEOX1 in samples. An antibody specific for MEOX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MEOX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MEOX1 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 MEOX1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MEOX1 encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. Homeobox protein MOX-1 may play a role in the molecular signaling network regulating somite development. Alternatively spliced transcript variants encoding different isoforms have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758710
NCBI GeneID	4222
NCBI Accession #	NP_004518
NCBI GenBank Nucleotide #	NP_004518.1
UniProt Accession #	P50221
NCBI Official Full Name	homeobox protein MOX-1 isoform 1
NCBI Official Synonym Full Names	mesenchyme homeobox 1
NCBI Official Symbol	MEOX1
NCBI Official Synonym Symbols	KFS2; MOX1
NCBI Protein Information	homeobox protein MOX-1
UniProt Protein Name	Homeobox protein MOX-1
UniProt Gene Name	MEOX1
UniProt Synonym Gene Names	MOX1
UniProt Entry Name	MEOX1_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/homeobox-protein-mox-1-meox1/331804>