

Human Motor Neuron And Pancreas Homeobox Protein 1 (MNX1) ELISA Kit | MNX1 elisa kit

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CATALOG #
AAA331732

REACTIVITY
Human

PRODUCT SYNONYMS

Motor Neuron And Pancreas Homeobox Protein 1 (MNX1); Human Motor Neuron And Pancreas Homeobox Protein 1 (MNX1) ELISA Kit; MNX1; HB9; HLXB9; HOXHB9; SCRA1; homeobox HB9; MNX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Motor neuron and pancreas homeobox protein 1 (MNX1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MNX1. No significant cross-reactivity or interference between Human MNX1 and analogues was observed.
Sequence Length	401
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	<ul style="list-style-type: none"> * 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 Motor neuron and pancreas homeobox protein 1 (MNX1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MNX1 elisa kit	<p>Description: This Human Motor neuron and pancreas homeobox protein 1 (MNX1) ELISA Kit employs a two-site sandwich ELISA to quantitate MNX1 in samples. An antibody specific for MNX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MNX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MNX1 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 MNX1 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: MNX1 encodes a nuclear protein, which contains a homeobox domain and is a transcription factor. Mutations in this gene result in Currarino syndrome, an autosomic dominant congenital malformation. Alternatively spliced transcript variants encoding different isoforms have been found for MNX1.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119624969
NCBI GeneID	3110
UniProt Accession #	P50219
NCBI Official Full Name	homeobox HB9
NCBI Official Synonym Full Names	motor neuron and pancreas homeobox 1
NCBI Official Symbol	MNX1
NCBI Official Synonym Symbols	HB9; HLXB9; SCRA1; HOXHB9
NCBI Protein Information	motor neuron and pancreas homeobox protein 1
UniProt Protein Name	Motor neuron and pancreas homeobox protein 1
UniProt Gene Name	MNX1
UniProt Synonym Gene Names	HLXB9
UniProt Entry Name	MNX1_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.