

Human Metaxin-2 (MTX2) ELISA Kit | MTX2 elisa kit

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CATALOG #
AAA331629

REACTIVITY
Human

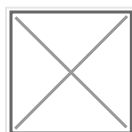
PRODUCT SYNONYMS

Metaxin-2 (MTX2); Human Metaxin-2 (MTX2) ELISA Kit; MTX2; MGC111067; mitochondrial outer membrane import complex protein 2; MTX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Metaxin-2 (MTX2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MTX2. No significant cross-reactivity or interference between Human MTX2 and analogues was observed.
Sequence Length	263
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 Metaxin-2 (MTX2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MTX2 elisa kit	Description: This Human Metaxin-2 (MTX2) ELISA Kit employs a two-site sandwich ELISA to quantitate MTX2 in samples. An antibody specific for MTX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MTX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MTX2 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 MTX2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Metaxin-2 encoded by MTX2 is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of this similarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane, and that it is involved in the import of proteins into the mitochondrion. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13124345
NCBI GeneID	10651
UniProt Accession #	O75431
NCBI Official Full Name	Metaxin-2
NCBI Official Synonym Full Names	metaxin 2
NCBI Official Symbol	MTX2
NCBI Protein Information	metaxin-2
UniProt Protein Name	Metaxin-2
UniProt Gene Name	MTX2
UniProt Entry Name	MTX2_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/metaxin-2-mtx2/331629>