

Human Protein Mdm4 (MDM4) ELISA Kit | MDM4 elisa kit

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CATALOG #
AAA331825

REACTIVITY
Human

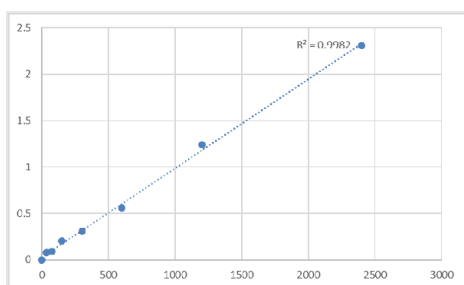
PRODUCT SYNONYMS

Protein Mdm4 (MDM4); Human Protein Mdm4 (MDM4) ELISA Kit; MDM4; RP11-430C7.1; DKFZp781B1423; HDMX; MDMX; MGC132766; MRP1; MDM4-related protein 1; Mdm4; transformed 3T3 cell double minute 4; p53 binding protein; double minute 4; human homolog of; p53-binding protei; MDM4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein Mdm4 (MDM4) ELISA Kit has high sensitivity and excellent specificity for detection of Human MDM4. No significant cross-reactivity or interference between Human MDM4 and analogues was observed.
Sequence Length	440
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 Protein Mdm4 (MDM4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MDM4 elisa kit	Description: This Human Protein Mdm4 (MDM4) ELISA Kit employs a two-site sandwich ELISA to quantitate MDM4 in samples. An antibody specific for MDM4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MDM4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MDM4 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 MDM4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MDM4 encodes a nuclear protein that contains a p53 binding domain at the N-terminus and a RING finger domain at the C-terminus, and shows structural similarity to p53-binding protein MDM2. Both proteins bind the p53 tumor suppressor protein and inhibit its activity, and have been shown to be overexpressed in a variety of human cancers. However, unlike MDM2 which degrades p53, this protein inhibits p53 by binding its transcriptional activation domain. This protein also interacts with MDM2 protein via the RING finger domain, and inhibits the latter's degradation. So this protein can reverse MDM2-targeted degradation of p53, while maintaining suppression of p53 transactivation and apoptotic functions. Alternatively spliced transcript variants encoding different isoforms have been noted for MDM4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323510634
NCBI GeneID	4194
NCBI Accession #	NP_001191100.1
NCBI GenBank Nucleotide #	NP_001191100.1
UniProt Accession #	O15151
NCBI Official Full Name	protein Mdm4 isoform 2
NCBI Official Synonym Full Names	MDM4 regulator of p53
NCBI Official Symbol	MDM4
NCBI Official Synonym Symbols	HDMX; MDMX; MRP1
NCBI Protein Information	protein Mdm4
UniProt Protein Name	Protein Mdm4
UniProt Gene Name	MDM4
UniProt Synonym Gene Names	MDMX
UniProt Entry Name	MDM4_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/protein-mdm4-mdm4/331825>