

Human E3 Ubiquitin-Protein Ligase Mdm2 (MDM2) ELISA Kit | MDM2 elisa kit

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CATALOG #
AAA331826

REACTIVITY
Human

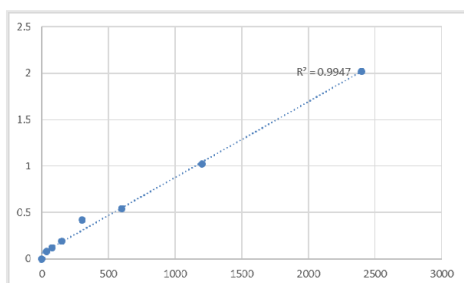
PRODUCT SYNONYMS

E3 Ubiquitin-Protein Ligase Mdm2 (MDM2); Human E3 Ubiquitin-Protein Ligase Mdm2 (MDM2) ELISA Kit; MDM2; HDMX; MGC5370; MGC71221; hdm2; Mdm2; transformed 3T3 cell double minute 2; p53 binding protein; OTTHUMP00000183495; double minute 2; human homolog of; p53-binding protein; mouse double minute 2 homolog; MDM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human E3 ubiquitin-protein ligase Mdm2 (MDM2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MDM2. No significant cross-reactivity or interference between Human MDM2 and analogues was observed.
Sequence Length	497
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 E3 ubiquitin-protein ligase Mdm2 (MDM2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MDM2 elisa kit	Description: This Human E3 ubiquitin-protein ligase Mdm2 (MDM2) ELISA Kit employs a two-site sandwich ELISA to quantitate MDM2 in samples. An antibody specific for MDM2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MDM2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MDM2 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 MDM2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MDM2 encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. MDM2 is itself transcriptionally-regulated by p53. Overexpression or amplification of this locus is detected in a variety of different cancers. There is a pseudogene for MDM2 on chromosome 2. Alternative splicing results in a multitude of transcript variants, many of which may be expressed only in tumor cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89993689
NCBI GeneID	4193
NCBI Accession #	NP_002383.2
NCBI GenBank Nucleotide #	NP_002383.2
UniProt Accession #	Q00987
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform a
NCBI Official Synonym Full Names	MDM2 proto-oncogene
NCBI Official Symbol	MDM2
NCBI Official Synonym Symbols	HDMX; hdm2; ACTFS
NCBI Protein Information	E3 ubiquitin-protein ligase Mdm2
UniProt Protein Name	E3 ubiquitin-protein ligase Mdm2
UniProt Gene Name	MDM2
UniProt Synonym Gene Names	Hdm2
UniProt Entry Name	MDM2_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.