

Mouse Mdm2 p53 Binding Protein Homolog (MDM2) ELISA Kit | MDM2 elisa kit

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CATALOG #
AAA63397

REACTIVITY
Mouse

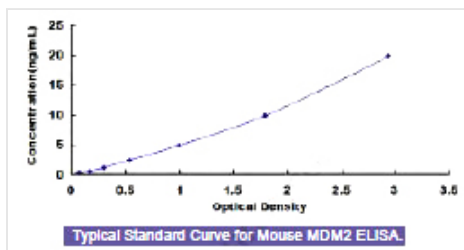
PRODUCT SYNONYMS

Mdm2 p53 Binding Protein Homolog (MDM2); Mouse Mdm2 p53 Binding Protein Homolog (MDM2) ELISA Kit; HDMX; hdm2; Mouse Double Minute 2; Human Homolog Of p53-Binding Protein; Oncoprotein Mdm2; MDM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MDM2. No significant cross-reactivity or interference between MDM2 and analogues was observed.
Sequence Length	440
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.129ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MDM2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MDM2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDM2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MDM2 in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MDM2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MDM2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MDM2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MDM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	570700841
NCBI GeneID	17246
NCBI Accession #	NP_001275515.1
NCBI GenBank Nucleotide #	NM_001288586.2
UniProt Accession #	P23804; Q61040; Q64330; Q91XK7
Molecular Weight	49,351 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform 2
NCBI Official Synonym Full Names	transformed mouse 3T3 cell double minute 2
NCBI Official Symbol	Mdm2
NCBI Official Synonym Symbols	Mdm-2; AA415488; 1700007J15Rik
NCBI Protein Information	E3 ubiquitin-protein ligase Mdm2
UniProt Protein Name	E3 ubiquitin-protein ligase Mdm2
UniProt Gene Name	Mdm2

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/mouse-elisa-kits/mdm2-p53-binding-protein-homolog-mdm2/63397>