

## Chicken Nuclear protein MDM1 (MDM1) ELISA Kit

Catalog No: #EK11512



Package Size: #EK11512-1 48T #EK11512-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Chicken Nuclear protein MDM1 (MDM1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Chicken (Gallus)
Other Names	FLJ95264; Mdm4; transformed 3T3 cell double minute 1; p53 binding protein mouse Mdm1 nuclear protein homolog nuclear protein MDM1 nuclear protein double minute 1
Accession No.	Q5ZMW6
Uniprot	Q5ZMW6
GenID	417839;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.  The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

## Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.053 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate MDM1 in samples. An antibody specific for MDM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyMDM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MDM1 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 MDM1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:MDM1similar to the mouse double minute 1 protein. The mouse gene is located in double minute (DM) chromatin particles and is amplified in the mouse transformed 3T3 cell line, and the protein is able to bind to p53. In mouse several transcripts have been described for this gene which result from alternative polyadenylation, splicing and exon usage.

Mdm1, a gene controlling resistance to Maize dwarf mosaic virus (MDMV), was identified in the inbred line Pa405. The gene was tightly linked to the restriction fragment length polymorphism marker umc85 on the short arm of chromosome 6. This chromosomal region is also the location of resistance genes to two other viruses in the family Potyviridae, Sugarcane mosaic virus (SCMV) and Wheat streak mosaic virus (WSMV).

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Note: This product is for in vitro research use only