# MDM4 (Human) Cell-Based ELISA Kit

Catalog # KA2987 Size 1 Kit

## Specification

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| **Product Description** | MDM4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of MDM4 expression in cultured cells. |
| **Suitable Sample** | Attached Cell, Loosely Attached Cell, Suspension Cell |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Qualitative |
| **Reactivity** | Human, Mouse, Rat |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Qualitative

## Gene Info — MDM4

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| **Entrez GeneID** | 4194 |
| **Protein Accession#** | O15151 |
| **Gene Name** | MDM4 |
| **Gene Alias** | DKFZp781B1423, HDMX, MDMX, MGC132766, MRP1 |
| **Gene Description** | Mdm4 p53 binding protein homolog (mouse) |

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| **Omim ID** | 602704 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The human MDM4 gene, which plays a role in apoptosis, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2. Two transcript variants, one protein-coding and the other likely not to be protein-coding, have been found for this gene. [provided by RefSeq |
| **Other Designations** | MDM4-related protein 1\|Mdm4, transformed 3T3 cell double minute 4, p53 binding protein\|double minute 4, human homolog of; p53-binding protein\|mouse double minute 4 homolog\|p53-binding protein |

## Pathway

- p53 signaling pathway

## Disease

- Breast cancer
- Breast Neoplasms
- Carcinoma
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Narcolepsy
- Neoplasm Recurrence
- Neoplasms
- Tobacco Use Disorder