

Human MAGED4 (Melanoma-associated antigen D4) ELISA Kit | MAGED4 elisa kit

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CATALOG # AAA250509	REACTIVITY Human
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PRODUCT SYNONYMS

MAGED4 (Melanoma-associated antigen D4); Human MAGED4 (Melanoma-associated antigen D4) ELISA Kit; Melanoma-associated antigen D4; MAGE-D4 antigen; MAGE-E1 antigen; MAGED4; MAGED4B; MAGED4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAGED4. No significant crossreactivity or interference between MAGED4 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for MAGED4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	149274614
NCBI GeneID	728239
NCBI Accession #	NP_001092270.1
NCBI GenBank Nucleotide #	NM_001098800.2
UniProt Accession #	Q96JG8; Q5HYN6; Q8WXW4; Q9BQ84; Q9BVH1; Q9BYH3; Q9BYH4; Q9H217; A8K093
Molecular Weight	24kDa
NCBI Official Full Name	melanoma-associated antigen D4 isoform 2

NCBI Official Synonym Full Names	MAGE family member D4
NCBI Official Symbol	MAGED4
NCBI Official Synonym Symbols	MAGE1; MAGEE1; MAGE-E1
NCBI Protein Information	melanoma-associated antigen D4
UniProt Protein Name	Melanoma-associated antigen D4
UniProt Gene Name	MAGED4
UniProt Synonym Gene Names	KIAA1859; MAGED4A; MAGEE1
UniProt Entry Name	MAGD4_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://www.aaabiotech.com/human-elisa-kits/maged4-melanoma-associated-antigen-d4/250509>