

Human MAGEA1 (Melanoma-associated antigen 1) ELISA Kit | MAGEA1 elisa kit

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CATALOG #
AAA249751

REACTIVITY
Human

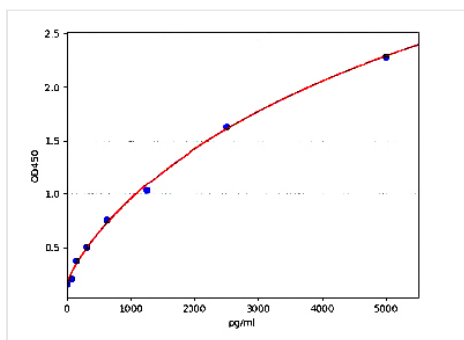
PRODUCT SYNONYMS

MAGEA1 (Melanoma-associated antigen 1); Human MAGEA1 (Melanoma-associated antigen 1) ELISA Kit; Melanoma-associated antigen 1; Antigen MZ2-E; Cancer/testis antigen 1.1; CT1.1; MAGE-1 antigen; MAGE1; MAGE1A; MAGEA1; MAGEA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAGEA1. No significant cross-reactivity or interference between MAGEA1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAGEA1 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 #	148276977
NCBI GeneID	4100
NCBI Accession #	NP_004979.3
NCBI GenBank Nucleotide #	NM_004988.4
UniProt Accession #	P43355; O00346; B2RC81; AAB33086
Molecular Weight	34,342 Da
NCBI Official Full Name	melanoma-associated antigen 1
NCBI Official Synonym Full Names	melanoma antigen family A1
NCBI Official Symbol	MAGEA1
NCBI Official Synonym Symbols	CT1.1; MAGE1
NCBI Protein Information	melanoma-associated antigen 1; MAGE-1 antigen; antigen MZ2-E; cancer/testis antigen 1.1; cancer/testis antigen family 1, member 1; melanoma antigen MAGE-1; melanoma antigen family A 1; melanoma antigen family A, 1 (directs expression of antigen MZ2-E); me
UniProt Protein Name	Melanoma-associated antigen 1
UniProt Gene Name	MAGEA1
UniProt Synonym Gene Names	MAGE1; MAGE1A; CT1.1
UniProt Entry Name	MAGA1_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://stage.aaabiotech.com/human-elisa-kits/magea1-melanoma-associated-antigen-1/249751>