

Human Melanoma-associated antigen C1 ELISA Kit | MAGEC1 elisa kit

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CATALOG #
AAA102553

REACTIVITY
Human

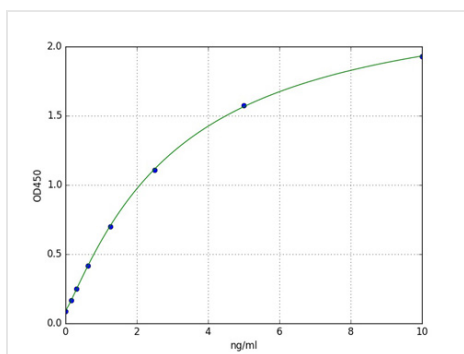
PRODUCT SYNONYMS

Melanoma-associated antigen C1; Human Melanoma-associated antigen C1 ELISA Kit; MAGEC1 (Melanoma-associated antigen C1)/CT7.1/Cancer/testis antigen 7.1/MAGE-C1 antigen; MAGEC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1142
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve
Results of a typical standard run of a Human MAGEC1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.030	0.147	0.249	0.457	0.801	1.352	1.950	2.570

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAGEC1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MAGEC1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MAGEC1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human MAGEC1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MAGEC1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530876
NCBI GeneID	9947
NCBI Accession #	NP_005453.2
NCBI GenBank Nucleotide #	NM_005462.4
Molecular Weight	23,747 Da
NCBI Official Full Name	melanoma-associated antigen C1
NCBI Official Synonym Full Names	MAGE family member C1
NCBI Official Symbol	MAGEC1
NCBI Official Synonym Symbols	CT7; CT7.1
NCBI Protein Information	melanoma-associated antigen C1
UniProt Protein Name	Melanoma-associated antigen C1
UniProt Gene Name	MAGEC1
UniProt Synonym Gene Names	CT7.1
UniProt Entry Name	MAGC1_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/magec1-human-elisa-kits/melanoma-associated-antigen-c1/102553>