

General MAGEC2 (Melanoma-associated antigen C2) ELISA Kit | MAGEC2 elisa kit

Human MAGEC2 (Melanoma-associated antigen C2) ELISA Kit

CATALOG #
AAA249752

REACTIVITY
General

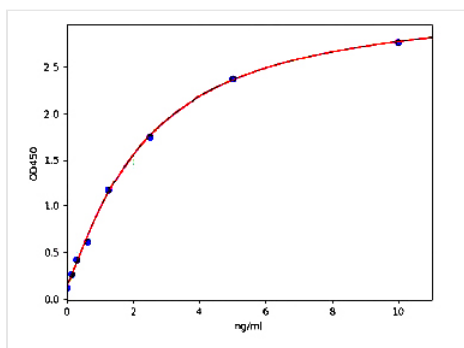
PRODUCT SYNONYMS

MAGEC2 (Melanoma-associated antigen C2); Human MAGEC2 (Melanoma-associated antigen C2) ELISA Kit; Melanoma-associated antigen C2; Cancer/testis antigen 10; CT10; MAGE-C2 antigen; MAGE-E1 antigen; MAGEC2; HCA587; MAGEE1; MAGEC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of MAGEC2. No significant cross-reactivity or interference between MAGEC2 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	0.156-10ng/ml
Sensitivity	0.094ng/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 MAGEC2 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 #	7706605
NCBI GeneID	51438
NCBI Accession #	NP_057333.1
NCBI GenBank Nucleotide #	NM_016249.3
UniProt Accession #	Q9UBF1; Q5JZ00; Q96D45; Q9P1M6; Q9P1M7
Molecular Weight	41,163 Da
NCBI Official Full Name	melanoma-associated antigen C2
NCBI Official Synonym Full Names	melanoma antigen family C, 2
NCBI Official Symbol	MAGEC2
NCBI Official Synonym Symbols	CT10; HCA587; MAGEE1
NCBI Protein Information	melanoma-associated antigen C2; MAGE-C2 antigen; MAGE-E1 antigen; cancer/testis antigen 10; hepatocellular cancer antigen 587; hepatocellular carcinoma-associated antigen 587; melanoma antigen, family E, 1, cancer/testis specific
UniProt Protein Name	Melanoma-associated antigen C2
UniProt Gene Name	MAGEC2
UniProt Synonym Gene Names	HCA587; MAGEE1; CT10
UniProt Entry Name	MAGC2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/general-elisa-kits/magec2-melanoma-associated-antigen-c2/249752>