

Human melanoma antigen family A, 1 (directs expression of antigen MZ2-E) ELISA Kit | MAGEA1 elisa kit

Human Melanoma-associated antigen 1, MAGEA1 ELISA Kit

CATALOG #
AAA112557

REACTIVITY
Human

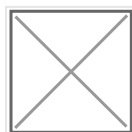
PRODUCT SYNONYMS

melanoma antigen family A; 1 (directs expression of antigen MZ2-E); Human Melanoma-associated antigen 1; MAGEA1 ELISA Kit; Human Melanoma-associated antigen 1 (MAGEA1) ELISA kit; CT1.1; MAGE1; MGC9326; cancer/testis antigen family 1; member 1; melanoma antigen MAGE-1; melanoma antigen family A 1; 1; melanoma-associated antigen 1; melanoma-associated ant; MAGEA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MAGEA1. No significant cross-reactivity or interference between Human MAGEA1 and analogues was observed.
Sequence Length	309
Samples	Serum, urine, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAGEA1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MAGEA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAGEA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAGEA1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MAGEA1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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 A, 1 (directs expression of antigen MZ2-E)
NCBI Official Symbol	MAGEA1
NCBI Official Synonym Symbols	CT1.1; MAGE1
NCBI Protein Information	melanoma-associated antigen 1; antigen MZ2-E; MAGE-1 antigen; melanoma antigen MAGE-1; cancer/testis antigen 1.1; melanoma antigen family A 1; melanoma-associated antigen MZ2-E; cancer/testis antigen family 1, member 1
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/magea1-human-elisa-kits/melanoma-antigen-family-a-1-directs-expression-of-antigen-mz2-e/112557>