

Human melanoma antigen family A, 3 ELISA Kit | MAGEA3 elisa kit

Human melanoma-associated antigen 3, MAGE-3 ELISA Kit

CATALOG #
AAA15757

REACTIVITY
Human

PRODUCT SYNONYMS

melanoma antigen family A; 3; Human melanoma-associated antigen 3; MAGE-3 ELISA Kit; Human melanoma-associated antigen 3 (MAGE-3) ELISA Kit; CT1.3; HIP8; HYPD; MAGE3; MAGEA6; MGC14613; MAGE-3 antigen; antigen MZ2-D; cancer/testis antigen family 1; member 3; melanoma-associated antigen 3; MAGEA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MAGE-3. No significant cross-reactivity or interference between human MAGE-3 and analogues was observed.
Sequence Length	314
Samples	Serum, plasma, tissue homogenates, urine
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 MAGEA3 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MAGE-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAGE-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAGE-3 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 MAGE-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885467
NCBI GeneID	4102
NCBI Accession #	NP_005353.1
NCBI GenBank Nucleotide #	NM_005362.3
UniProt Accession #	P43357; Q6FHI6
Molecular Weight	34,747 Da
NCBI Official Full Name	melanoma-associated antigen 3
NCBI Official Synonym Full Names	melanoma antigen family A, 3
NCBI Official Symbol	MAGEA3
NCBI Official Synonym Symbols	HIP8; HYPD; CT1.3; MAGE3; MAGEA6
NCBI Protein Information	melanoma-associated antigen 3; antigen MZ2-D; MAGE-3 antigen; cancer/testis antigen 1.3; cancer/testis antigen family 1, member 3
UniProt Protein Name	Melanoma-associated antigen 3
UniProt Gene Name	MAGEA3
UniProt Synonym Gene Names	MAGE3; CT1.3
UniProt Entry Name	MAGA3_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/magea3-human-elisa-kits/melanoma-antigen-family-a-3/15757>