

Human Melanoma-Associated Antigen 4 (MAGEA4) ELISA Kit | MAGEA4 elisa kit

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CATALOG #
AAA219644

REACTIVITY
Human

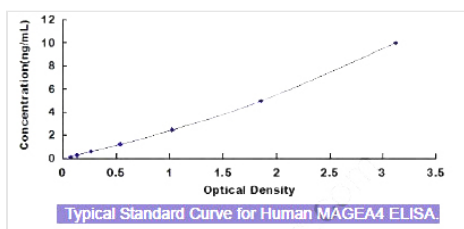
PRODUCT SYNONYMS

Melanoma-Associated Antigen 4 (MAGEA4); Human Melanoma-Associated Antigen 4 (MAGEA4) ELISA Kit; Cancer/testis antigen 1.4; CT1.4; MAGE-4 antigen; MAGE-41 antigen; MAGE-X2 antigen; MAGEA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Macrosialin. No significant cross-reactivity or interference between Macrosialin and analogues was observed.
Sequence Length	317
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.120ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Macrosialin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Macrosialin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAGEA4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of Macrosialin in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Macrosialin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Macrosialin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Macrosialin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Macrosialin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58530867
NCBI GeneID	4103
NCBI Accession #	NP_001011548.1
NCBI GenBank Nucleotide #	NM_001011548.1
UniProt Accession #	P43358; Q14798
Molecular Weight	34,899 Da
NCBI Official Full Name	melanoma-associated antigen 4
NCBI Official Synonym Full Names	MAGE family member A4
NCBI Official Symbol	MAGEA4
NCBI Official Synonym Symbols	CT1.4; MAGE4; MAGE4A; MAGE4B; MAGE-41; MAGE-X2
NCBI Protein Information	melanoma-associated antigen 4
UniProt Protein Name	Melanoma-associated antigen 4
UniProt Gene Name	MAGEA4
UniProt Synonym Gene Names	MAGE4; CT1.4

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/melanoma-associated-antigen-4-magea4/219644>