

Human Melanoma associated antigen 1 ELISA Kit | MAA1 elisa kit

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CATALOG #
AAA88040

REACTIVITY
Human

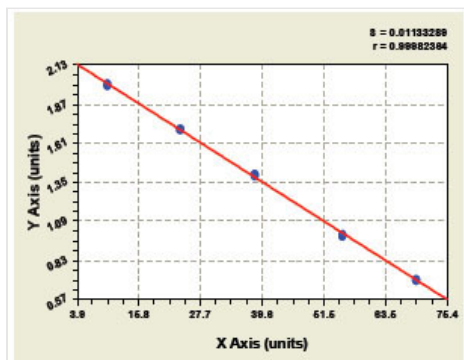
PRODUCT SYNONYMS

Melanoma associated antigen 1; Human Melanoma associated antigen 1 ELISA Kit; MAA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAA1 elisa kit	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This MAGE1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MAGE1. This ELISA kit for research use only! Principle of the Assay: MAGE1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MAGE1 antibody and an MAGE1-HRP conjugate. The assay sample and buffer are incubated together with MAGE1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MAGE1 concentration since MAGE1 from samples and MAGE1-HRP conjugate compete for the anti-MAGE1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MAGE1 from the sample, fewer sites are left to bind MAGE1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAGE1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MAA1 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	148276977
NCBI GeneID	4100
NCBI Accession #	NP_004979.3
NCBI GenBank Nucleotide #	NM_004988.4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/maa1-human-elisa-kits/melanoma-associated-antigen-1/88040>