

Human MART/Melan-A ELISA Kit | MART/Melan-A elisa kit

Human MART/Melan-A (Melanoma Marker A) ELISA Kit

CATALOG #
AAA164773

REACTIVITY
Human

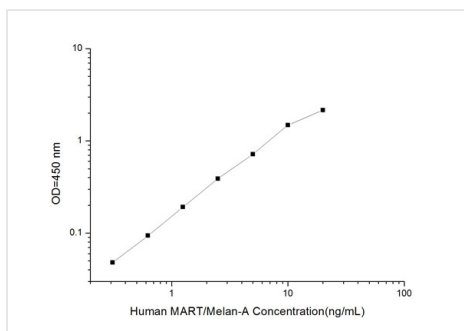
PRODUCT SYNONYMS

MART/Melan-A; Human MART/Melan-A (Melanoma Marker A) ELISA Kit; MART/Melan-A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human MART/Melan-A. No significant cross-reactivity or interference between Human MART/Melan-A and analogues was observed.
Sequence Length	118
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MART/Melan-A elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MART/Melan-A concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to MART/Melan-A. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MART/Melan-A and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MART/Melan-A, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of MART/Melan-A. You can calculate the concentration of MART/Melan-A in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031913
NCBI GeneID	2315
NCBI Accession #	NP_005502.1
NCBI GenBank Nucleotide #	NM_005511.1
UniProt Accession #	Q16655; Q6ICU4
Molecular Weight	13,157 Da
NCBI Official Full Name	melanoma antigen recognized by T-cells 1
NCBI Official Synonym Full Names	melan-A
NCBI Official Symbol	MLANA
NCBI Official Synonym Symbols	MART1; MART-1
NCBI Protein Information	melanoma antigen recognized by T-cells 1; antigen LB39-AA; antigen SK29-AA; protein Melan-A
UniProt Protein Name	Melanoma antigen recognized by T-cells 1
UniProt Gene Name	MLANA
UniProt Synonym Gene Names	MART1; MART-1
UniProt Entry Name	MAR1_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.