

Human Melanoma Antigen Recognized By T-Cells 1 (MLANA) ELISA Kit | MLANA elisa kit

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CATALOG #
AAA331757

REACTIVITY
Human

PRODUCT SYNONYMS

Melanoma Antigen Recognized By T-Cells 1 (MLANA); Human Melanoma Antigen Recognized By T-Cells 1 (MLANA) ELISA Kit; MLANA; MART-1; MART1; OTTHUMP00000021037; OTTHUMP00000021038; MLANA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Melanoma antigen recognized by T-cells 1 (MLANA) ELISA Kit has high sensitivity and excellent specificity for detection of Human MLANA. No significant cross-reactivity or interference between Human MLANA and analogues was observed.
Sequence Length	118
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Melanoma antigen recognized by T-cells 1 (MLANA) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MLANA elisa kit	Description: This Human Melanoma antigen recognized by T-cells 1 (MLANA) ELISA Kit employs a two-site sandwich ELISA to quantitate MLANA in samples. An antibody specific for MLANA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MLANA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MLANA is added to the wells. After washing, Streptavidin 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 MLANA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MLANA (Melan-A) is a Protein Coding gene. Diseases associated with MLANA include Microphthalmia and Uveal Melanoma. Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031913
NCBI GeneID	2315
NCBI Accession #	NP_005502.1
NCBI GenBank Nucleotide #	NP_005502.1
UniProt Accession #	Q16655
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
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.