

Human Myeloid Cell Nuclear Differentiation Antigen, MNDA ELISA Kit | MNDA elisa kit

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CATALOG #
AAA331735

REACTIVITY
Human

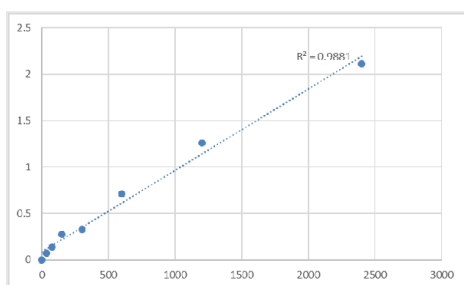
PRODUCT SYNONYMS

Myeloid Cell Nuclear Differentiation Antigen; MNDA; Human Myeloid Cell Nuclear Differentiation Antigen; MNDA ELISA Kit; PYHIN3; MNDA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myeloid cell nuclear differentiation antigen,MNDA ELISA Kit has high sensitivity and excellent specificity for detection of Human MNDA. No significant cross-reactivity or interference between Human MNDA and analogues was observed.
Sequence Length	407
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 Myeloid cell nuclear differentiation antigen,MNDA Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MNDA elisa kit	Description: This Human Myeloid cell nuclear differentiation antigen,MNDA ELISA Kit employs a two-site sandwich ELISA to quantitate MNDA in samples. An antibody specific for MNDA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MNDA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MNDA 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 MNDA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The myeloid cell nuclear differentiation antigen (MNDA) is detected only in nuclei of cells of the granulocyte-monocyte lineage. A 200-amino acid region of human MNDA is strikingly similar to a region in the proteins encoded by a family of interferon-inducible mouse genes, designated Ifi-201, Ifi-202, and Ifi-203, that are not regulated in a cell- or tissue-specific fashion. The 1.8-kb MNDA mRNA, which contains an interferon-stimulated response element in the 5-prime untranslated region, was significantly upregulated in human monocytes exposed to interferon alpha. MNDA is located within 2,200 kb of FCER1A, APCS, CRP, and SPTA1. In its pattern of expression and/or regulation, MNDA resembles IFI16, suggesting that these genes participate in blood cell-specific responses to interferons.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505227
NCBI GeneID	4332
NCBI Accession #	NP_002423.1
NCBI GenBank Nucleotide #	NP_002423.1
UniProt Accession #	P41218
NCBI Official Full Name	myeloid cell nuclear differentiation antigen
NCBI Official Synonym Full Names	myeloid cell nuclear differentiation antigen
NCBI Official Symbol	MNDA
NCBI Official Synonym Symbols	PYHIN3
NCBI Protein Information	myeloid cell nuclear differentiation antigen
UniProt Protein Name	Myeloid cell nuclear differentiation antigen
UniProt Gene Name	MNDA
UniProt Entry Name	MNDA_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://www.aaabiotech.com/human-elisa-kits/myeloid-cell-nuclear-differentiation-antigen-mnda/331735>