

Human MHC class I polypeptide-related sequence A ELISA Kit | MICA elisa kit

Human major histocompatibility complex class I chain-related gene A, MICA ELISA Kit

CATALOG #
AAA80275

REACTIVITY
Human

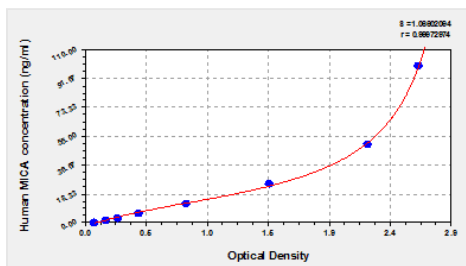
PRODUCT SYNONYMS

MHC class I polypeptide-related sequence A; Human major histocompatibility complex class I chain-related gene A; MICA ELISA Kit; Human major histocompatibility complex class I chain-related gene A (MICA) ELISA Kit; DAMA-345G11.2; FLJ60820; MGC111087; PERB11.1; HLA class I antigen; MHC class I chain-related gene A protein; MHC class I chain-related protein A; Stress inducible class I homolog; MICA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MICA. No significant cross-reactivity or interference between Human MICA and analogues was observed.
Sequence Length	383
Assay Type	Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Adaptive immunity
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MICA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MICA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MICA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MICA is added to the wells. After washing, avidin 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 MICA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557751
NCBI GeneID	100507436
NCBI Accession #	NP_000238.1
NCBI GenBank Nucleotide #	NM_000247.2
UniProt Accession #	Q29983; O60917; O60918; O60919; O60920; O60933; O77956; O78150; A8KQR0; A9LRW5; A9QVE0; B1VJF1
Molecular Weight	42,915 Da
NCBI Official Full Name	MHC class I polypeptide-related sequence A isoform 1 (MICA*001)
NCBI Official Synonym Full Names	MHC class I polypeptide-related sequence A
NCBI Official Symbol	MICA
NCBI Official Synonym Symbols	MIC-A; PERB11.1
NCBI Protein Information	MHC class I polypeptide-related sequence A; HLA class I antigen; stress inducible class I homolog; MHC class I chain-related protein A
UniProt Protein Name	MHC class I polypeptide-related sequence A
UniProt Gene Name	MICA
UniProt Synonym Gene Names	PERB11.1; MIC-A
UniProt Entry Name	MICA_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://stage.aaabiotech.com/mica-human-elisa-kits/mhc-class-i-polypeptide-related-sequence-a/80275>