

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

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CATALOG #
AAA57046

REACTIVITY
Human

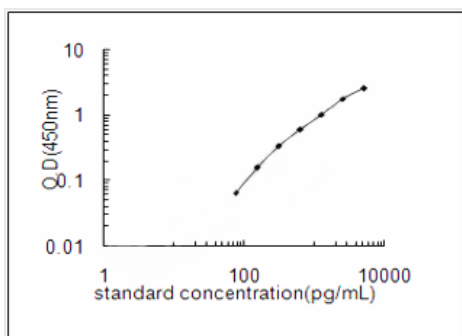
PRODUCT SYNONYMS

MHC class I polypeptide-related sequence A; Human MHC class I polypeptide-related sequence A ELISA Kit; MIC-A; MICA; PERB11.1; MICA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human MIC-A. No significant cross-reactivity or interference was observed.
Sequence Length	383
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	33pg/mL
Intra-Assay CV	<=5.6%
Inter-Assay CV	<=8.9%
Recovery	108%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MICA elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human mhc class i polypeptide-related sequence a,MIC-A concentrations in serum, Plasma,,tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MIC-A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for MIC-A and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain MIC-A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of MIC-A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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	31,577 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
UniProt Protein Name	MHC class I polypeptide-related sequence A
UniProt Gene Name	MICA
UniProt Synonym Gene Names	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.