

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

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CATALOG #
AAA16112

REACTIVITY
Mouse

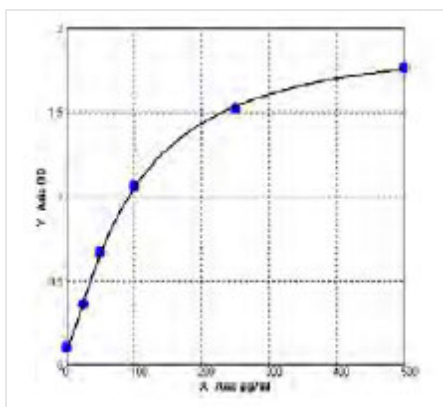
PRODUCT SYNONYMS

MHC class I polypeptide-related sequence A; Mouse MHC class I polypeptide-related sequence A ELISA Kit; MICA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MICA elisa kit

Intended Uses: This MHB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat MHB. This ELISA kit for research use only!

Principle of the Assay: MHB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MHB antibody and an MHB-HRP conjugate. The assay sample and buffer are incubated together with MHB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MHB concentration since MHB from samples and MHB-HRP conjugate compete for the anti-MHB antibody binding site. Since the number of sites is limited, as more sites are occupied by MHB from the sample, fewer sites are left to bind MHB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MHB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	294660768
NCBI GeneID	100507436
NCBI Accession #	NP_001170990.1
NCBI GenBank Nucleotide #	NM_001177519.2
Molecular Weight	31,577 Da
NCBI Official Full Name	MHC class I polypeptide-related sequence A isoform 2 (MICA*00801)
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.