

Human MHC class I polypeptide-related sequence B ELISA Kit | MICB elisa kit

Human MHC class I polypeptide-related sequence B, MICB ELISA Kit

CATALOG #
AAA113062

REACTIVITY
Human

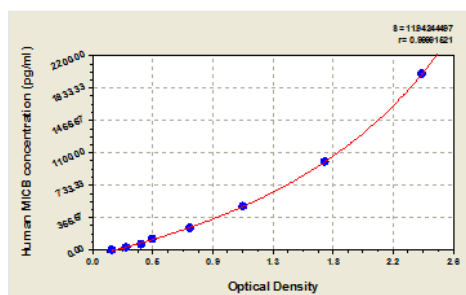
PRODUCT SYNONYMS

MHC class I polypeptide-related sequence B; Human MHC class I polypeptide-related sequence B; MICB ELISA Kit; Human MHC class I polypeptide-related sequence B (MICB) ELISA kit; DAAP-210H10.1; PERB11.2; MHC class I chain-related protein B; MHC class I mic-B antigen; MHC class I molecule; MHC class I-like molecule PERB11.2-IMX; stress inducible class I homolog; MICB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MICB. No significant cross-reactivity or interference between Human MICB and analogues was observed.
Sequence Length	351
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/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 MICB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MICB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MICB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MICB 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 MICB 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 #	574584674
NCBI GeneID	4277
NCBI Accession #	NP_001276089.1
NCBI GenBank Nucleotide #	NM_001289160.1
UniProt Accession #	Q29980; O14499; O14500; O19798; O19799; O19800; O19801; O19802; A2AC57; A6NP85; B0UZ10; B2RAK2
Molecular Weight	42,646 Da
NCBI Official Full Name	MHC class I polypeptide-related sequence B isoform 2
NCBI Official Synonym Full Names	MHC class I polypeptide-related sequence B
NCBI Official Symbol	MICB
NCBI Official Synonym Symbols	PERB11.2
NCBI Protein Information	MHC class I polypeptide-related sequence B; MHC class I mic-B antigen; stress inducible class I homolog; MHC class I chain-related protein B; MHC class I-like molecule PERB11.2-IMX
UniProt Protein Name	MHC class I polypeptide-related sequence B
UniProt Gene Name	MICB
UniProt Synonym Gene Names	PERB11.2; MIC-B
UniProt Entry Name	MICB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/micb-human-elisa-kits/mhc-class-i-polypeptide-related-sequence-b/113062>