

Human Mhc Class I Polypeptide-Related Sequence B, MICB ELISA Kit | MICB elisa kit

Human Mhc Class I Polypeptide-Related Sequence B, MICB Primacu ELISA Kit

CATALOG #
AAA124157

REACTIVITY
Human

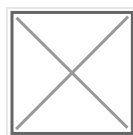
PRODUCT SYNONYMS

Mhc Class I Polypeptide-Related Sequence B; MICB; Human Mhc Class I Polypeptide-Related Sequence B; MICB Primacu ELISA Kit; MHC class I polypeptide-related sequence B; PERB11.2; MICB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	78.12-5000pg/mL
Sensitivity	24.49pg/mL
Standard Solution	50ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for MICB elisa kit	MHC class I polypeptide-related sequence B, also known as MICB, is a heavily glycosylated protein serving as a ligand for the type II receptor NKG2D. MICB shares 85% amino acid identity with MICA, a closely related protein, both of which contain three extracellular immunoglobulin-like domains, but without the capacity to bind peptide or interact with beta-2-microglobulin. acting as a stress-induced self-antigen, binding of MICB to the NKG2D receptor activates the cytolytic response of natural killer (NK) cells, CD8+alphabeta T cells, and gammadelta T cells on which the receptor is expressed. MICA/B is minimally expressed on normal cells, but are frequently expressed on epithelial tumors and can be induced by bacterial and viral infections. MICA/B recognition thus is involved in tumor surveillance, viral infections, and autoimmune diseases.
Product Categories/Family for MICB elisa kit	Primacu ELISA Kit; Immunology

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	4,287 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 chain-related protein B; MHC class I mic-B antigen; MHC class I-like molecule PERB11.2-IMX; MICB; stress inducible class I homolog
UniProt Protein Name	MHC class I polypeptide-related sequence B
UniProt Gene Name	MICB
UniProt Synonym Gene Names	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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mhc-class-i-polypeptide-related-sequence-b-micb/124157>