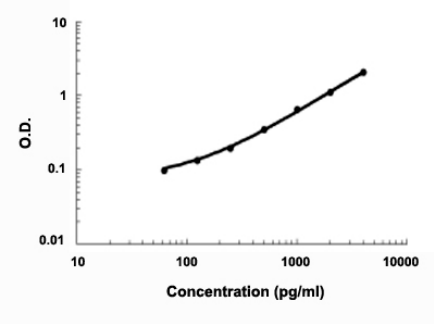
MICB (Human) ELISA Kit

Catalog # KA3908 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	MICB (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human MICB.
Suitable Sample	Cell culture supernates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — MICB

Entrez GeneID	4277
Gene Name	MICB
Gene Alias	PERB11.2
Gene Description	MHC class I polypeptide-related sequence B
Omim ID	602436
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alphabeta T cells, and gammadelta T cells which express the receptor. This protein is stress-induced and is si milar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides. [provided by RefSeq
Other Designations	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|OTTHUMP00000029089|OTTHUMP00000035091|OTTHUMP000 00035588|stress inducible class I homolog

Pathway

- Natural killer cell mediated cytotoxicity

Disease

- Acquired Immunodeficiency Syndrome
- Alzheimer disease
- Arthritis
- Asthma
- Behcet Syndrome

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- Cardiomyopathy
- Celiac Disease
- Cognition Disorders
- Colitis
- Cytomegalovirus Infections
- Diabetes Mellitus
- Disease Progression
- Genetic Predisposition to Disease
- Heart Diseases
- Herpesviridae Infections
- HIV Seropositivity
- Inflammatory Bowel Diseases
- Leprosy
- Lung Diseases
- Lupus Erythematosus
- Malaria
- Multiple Sclerosis
- Neuropsychological Tests
- Psychiatric Status Rating Scales
- Schizophrenia
- Uterine Cervical Neoplasms

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