

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

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CATALOG #
AAA97110

REACTIVITY
Sheep

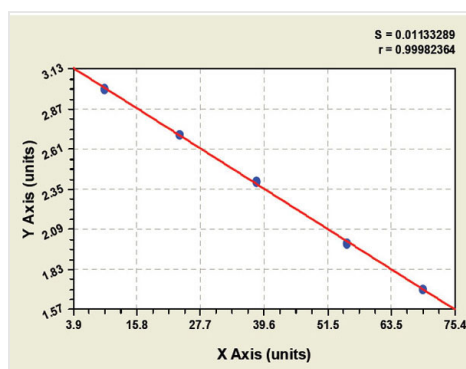
PRODUCT SYNONYMS

MHC class I polypeptide-related sequence B; Sheep MHC class I polypeptide-related sequence B ELISA Kit; MICB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MICB elisa kit

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

Principle of the Assay: MICB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MICB antibody and an MICB-HRP conjugate. The assay sample and buffer are incubated together with MICB-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 MICB concentration since MICB from samples and MICB-HRP conjugate compete for the anti-MICB antibody binding site. Since the number of sites is limited, as more sites are occupied by MICB from the sample, fewer sites are left to bind MICB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MICB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MICB elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	167857788
NCBI GeneID	4277
NCBI Accession #	NP_005922.2
NCBI GenBank Nucleotide #	NM_005931.4
Molecular Weight	4,287 Da
NCBI Official Full Name	MHC class I polypeptide-related sequence B isoform 1
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-sheep-elisa-kits/mhc-class-i-polypeptide-related-sequence-b/97110>