

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

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CATALOG #
AAA100022

REACTIVITY
Human

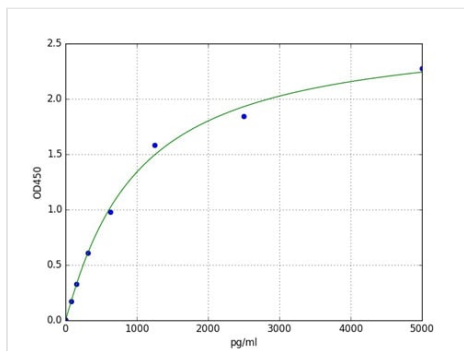
PRODUCT SYNONYMS

MHC class I polypeptide-related sequence A; Human MHC class I polypeptide-related sequence A ELISA Kit; MICA/MIC-A; MICA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	359
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MICA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.141	0.198	0.228	0.319	0.531	0.953	1.472	2.129

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MICA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MICA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MICA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MICA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MICA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

27544412

NCBI GeneID	100507436
Molecular Weight	31,577 Da
NCBI Official Full Name	MHC class I polypeptide-related sequence A, partial
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
UniProt Protein Name	MHC class I polypeptide-related sequence A
UniProt Gene Name	MICA
UniProt Synonym Gene Names	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mica-human-elisa-kits/mhc-class-i-polypeptide-related-sequence-a/100022>