

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

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CATALOG #  
**AAA95750**

REACTIVITY  
**Monkey**

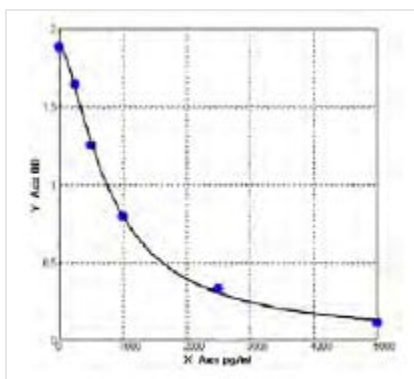
### PRODUCT SYNONYMS

MHC class I polypeptide-related sequence A; Monkey MHC class I polypeptide-related sequence A ELISA Kit; MICA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of MICA. No significant cross-reactivity or interference between MICA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MICA and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative 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 MICA elisa kit | <p>Intended Uses: This MICA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: MICA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MICA antibody and an MICA-HRP conjugate. The assay sample and buffer are incubated together with MICA-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 MICA concentration since MICA from samples and MICA-HRP conjugate compete for the anti-MICA antibody binding site. Since the number of sites is limited, as more sites are occupied by MICA from the sample, fewer sites are left to bind MICA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MICA concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for MICA elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 294660768                                                                                                                              |
| NCBI GeneID                      | 100507436                                                                                                                              |
| NCBI Accession #                 | NP_001170990.1                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_001177519.2                                                                                                                         |
| Molecular Weight                 | 31,577 Da                                                                                                                              |
| NCBI Official Full Name          | MHC class I polypeptide-related sequence A isoform 2 (MICA*00801)                                                                      |
| 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; HLA class I antigen; stress inducible class I homolog; MHC class I chain-related protein A |
| UniProt Protein Name             | MHC class I polypeptide-related sequence A                                                                                             |
| UniProt Gene Name                | MICA                                                                                                                                   |
| UniProt Synonym Gene Names       | PERB11.1; 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.

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Online datasheet: <https://stage.aaabiotech.com/mica-monkey-elisa-kits/mhc-class-i-polypeptide-related-sequence-a/95750>