

## Mouse Macrophage Inflammatory Protein 1a ELISA Kit | MIP1a elisa kit

Mouse Macrophage Inflammatory Protein 1a ELISA Kit

CATALOG #  
**AAA86579**

REACTIVITY  
**Mouse**

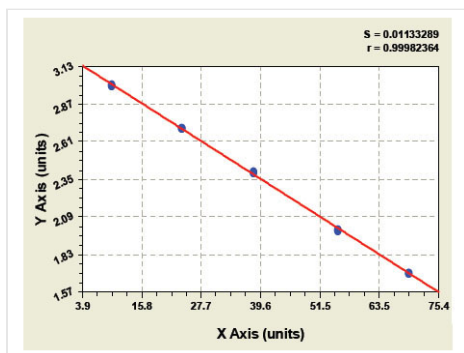
### PRODUCT SYNONYMS

Macrophage Inflammatory Protein 1a; Mouse Macrophage Inflammatory Protein 1a ELISA Kit; MIP1a elisa kit

### PRODUCT SPECIFICATIONS

|                            |                                                                            |
|----------------------------|----------------------------------------------------------------------------|
| Reactivity                 | Mouse                                                                      |
| Samples                    | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type                 | Competitive                                                                |
| Detection Range            | 5.0-100ng/mL                                                               |
| Sensitivity                | 1.0ng/mL                                                                   |
| Highest Standards          | 100ng/mL                                                                   |
| Concentration of Standards | Concentration of Standards                                                 |
| Preparation and Storage    | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for MIP1a elisa kit | <p><b>For samples:</b> Serum, plasma, cell culture supernatants, body fluid and tissue homogenate</p> <p><b>INTENDED USE</b> This MIP1A/CCL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MIP1A/CCL3. This ELISA kit for research use only!</p> <p><b>PRINCIPLE OF THE ASSAY</b> MIP1A/CCL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MIP1A/CCL3 antibody and an MIP1A/CCL3-HRP conjugate. The assay sample and buffer are incubated together with MIP1A/CCL3-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 MIP1A/CCL3 concentration since MIP1A/CCL3 from samples and MIP1A/CCL3-HRP conjugate compete for the anti-MIP1A/CCL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by MIP1A/CCL3 from the sample, fewer sites are left to bind MIP1A/CCL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIP1A/CCL3 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for MIP1a elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 2905628                                                                                                                                                                                                                      |
| NCBI GeneID                      | 6348                                                                                                                                                                                                                         |
| Molecular Weight                 | 10,085 Da                                                                                                                                                                                                                    |
| NCBI Official Full Name          | macrophage inflammatory protein 1 alpha, partial                                                                                                                                                                             |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 3                                                                                                                                                                                               |
| NCBI Official Symbol             | CCL3                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | MIP1A; SCYA3; G0S19-1; LD78ALPHA; MIP-1-alpha                                                                                                                                                                                |
| NCBI Protein Information         | C-C motif chemokine 3; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alpha; tonsillar lymphocyte LD78 alpha protein; small inducible cytokine A3 (homologous to mouse Mip-1a) |
| UniProt Protein Name             | C-C motif chemokine 3                                                                                                                                                                                                        |
| UniProt Gene Name                | CCL3                                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | G0S19-1; MIP1A; SCYA3; MIP-1-alpha                                                                                                                                                                                           |
| UniProt Entry Name               | CCL3_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://www.aaabiotech.com/mip1a-mouse-elisa-kits/macrophage-inflammatory-protein-1a/86579>