

## Canine Macrophage inflammatory protein -2 ELISA Kit | MIP-2 elisa kit

Canine Macrophage inflammatory protein -2 ELISA Kit

CATALOG #  
**AAA94136**

REACTIVITY  
**Canine**

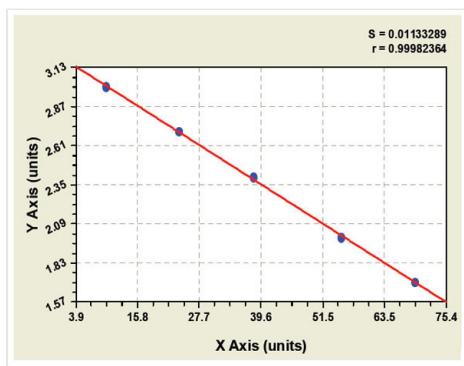
### PRODUCT SYNONYMS

Macrophage inflammatory protein -2; Canine Macrophage inflammatory protein -2 ELISA Kit; MIP-2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                |
| Assay Type              | Sandwich                                                                                                                                                                                  |
| Detection Range         | 100-2500pg/mL                                                                                                                                                                             |
| Sensitivity             | 1.0pg/mL                                                                                                                                                                                  |
| Intended Uses           | This MIP-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine MIP-2. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MIP-2 elisa kit | <b>Principle of the Assay:</b> MIP-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MIP-2 antibody and an MIP-2-HRP conjugate. The assay sample and buffer are incubated together with MIP-2-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 MIP-2 concentration since MIP-2 from samples and MIP-2-HRP conjugate compete for the anti-MIP-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by MIP-2 from the sample, fewer sites are left to bind MIP-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIP-2 concentration in each sample is interpolated from this standard curve. |
| Product Categories/Family for MIP-2 elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                         |                                                                |
|-------------------------|----------------------------------------------------------------|
| NCBI GI #               | 298582                                                         |
| NCBI Official Full Name | macrophage inflammatory protein 2, MIP-2 {N-terminal}, partial |

**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/mip-2-canine-elisa-kits/macrophage-inflammatory-protein-2/94136>