

Mouse Macrophage Inflammatory Protein 1beta ELISA Kit | MIP1beta elisa kit

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CATALOG #
AAA84906

REACTIVITY
Mouse

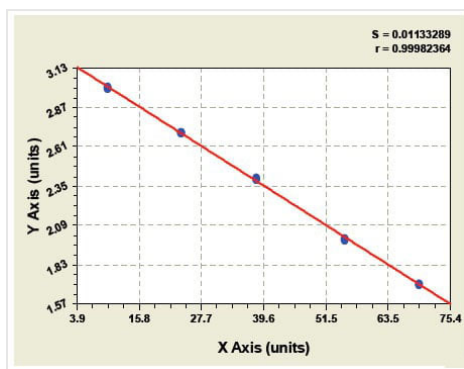
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 1beta; Mouse Macrophage Inflammatory Protein 1beta ELISA Kit; Mouse Macrophage Inflammatory Protein 1b ELISA Kit; MIP1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Highest Standards	1000pg/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP1beta elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This MIP1B/CCL4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MIP1B/CCL4. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY MIP1B/CCL4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MIP1B/CCL4 antibody and an MIP1B/CCL4-HRP conjugate. The assay sample and buffer are incubated together with MIP1B/CCL4-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 MIP1B/CCL4 concentration since MIP1B/CCL4 from samples and MIP1B/CCL4-HRP conjugate compete for the anti-MIP1B/CCL4 antibody binding site. Since the number of sites is limited, as more sites are occupied by MIP1B/CCL4 from the sample, fewer sites are left to bind MIP1B/CCL4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIP1B/CCL4 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MIP1beta elisa kit	Immunology

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/mip1beta-mouse-elisa-kits/macrophage-inflammatory-protein-1beta/84906>