

Rat MIP-2 ELISA Kit | MIP-2 elisa kit

Rat MIP-2 ELISA KIT

CATALOG #
AAA309917

REACTIVITY
Rat

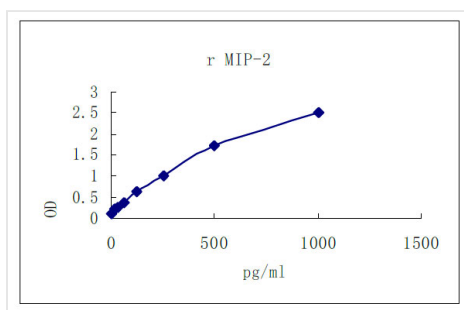
PRODUCT SYNONYMS

MIP-2; Rat MIP-2 ELISA KIT; Rat MIP-2; MIP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes both natural and recombinant rat MIP-2. The factors listed below were prepared at 50ng/ml in Standard /sample Diluent and assayed for cross-reactivity and no significant cross-reactivity or interference was observed.
Assay Type	Quantitative Sandwich
Samples	Cell culture supernates, serum, and plasma
Sensitivity	7pg/mL
Assay Time	3 hour
Sample Volume	20 uL
Detection Method	Colorimetric
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-2 elisa kit	Background: CXCL2/GRO beta, also called MIP-2 in mouse and CINC-3 in rat, is a member of the CXC chemokine family. Human CXCL2/GRO beta is 107 amino acids (aa) in length with a predicted molecular weight of 11 kDa. The mouse and rat orthologs share 70% and 71% aa sequence identity with the human protein, respectively. Nterminal aa 1-4 of CXCL2/GRO beta can be post-translationally cleaved which confers enhanced hematopoietic bioactivity. CXCL2/GRO beta is produced by a variety of cell types including monocytes and macrophages at sites of inflammation and is chemotactic for granulocytes, including neutrophils. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for MIP-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MIP-2 present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for MIP-2 is added to the wells and binds to the combination of capture antibody-MIP-2 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps a substrate is added. A coloured product is formed in proportion to the amount of MIP-2 present in the sample. The reaction is terminated by addition of acid and absorbance is measured at 450nm. A standard curve is prepared from seven MIP-2 standard dilutions and MIP-2 sample concentration determined.
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NCBI AND UNIPROT INFORMATION

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

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/rat-elisa-kits/mip-2/309917>