

Rat MIP-3alpha ELISA Kit | MIP-3alpha elisa kit

Rat MIP-3alpha (Macrophage Inflammatory Protein 3 Alpha) ELISA Kit

CATALOG #
AAA165120

REACTIVITY
Rat

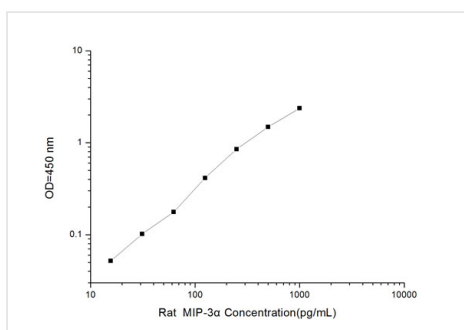
PRODUCT SYNONYMS

MIP-3alpha; Rat MIP-3alpha (Macrophage Inflammatory Protein 3 Alpha) ELISA Kit; MIP-3alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat MIP-3alpha. No significant cross-reactivity or interference between Rat MIP-3alpha and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat MIP-3alpha and all the analogues, therefore, cross reaction may still exist.
Sequence Length	100
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-3alpha elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MIP-3alpha in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat MIP-3alpha. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat MIP-3alpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat MIP-3alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat MIP-3alpha. You can calculate the concentration of Rat MIP-3alpha in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28071275
NCBI GeneID	395082
Molecular Weight	11,149 Da
NCBI Official Full Name	macrophage inflammatory protein 3alpha
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 20
NCBI Official Symbol	CCL20
NCBI Official Synonym Symbols	MIP-3ALPHA
NCBI Protein Information	C-C motif chemokine 20; macrophage inflammatory protein 3alpha
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	CCL20
UniProt Entry Name	Q8QG55_CHICK

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.