

Chicken Macrophage Inflammatory Protein 1 Beta (MIP1b) ELISA Kit | MIP1b elisa kit

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CATALOG #
AAA66348

REACTIVITY
Chicken

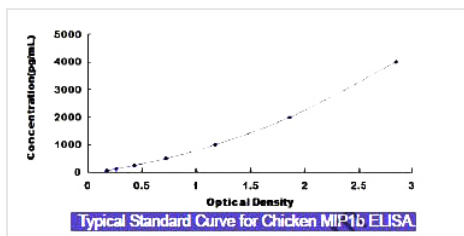
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 1 Beta (MIP1b); Chicken Macrophage Inflammatory Protein 1 Beta (MIP1b) ELISA Kit; CCL4; ACT2; G-26; LAG1; MIP1-B; SCYA4; Chemokine C-C-Motif Ligand 4; Small Inducible Cytokine A4; Homologous To Mouse Mip-1b; MIP1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of MIP1b. No significant cross-reactivity or interference between MIP1b and analogues was observed.
Sequence Length	90
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	25.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MIP1b were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MIP1b were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP1b elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MIP1b in chicken serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MIP1b. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MIP1b. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MIP1b, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MIP1b in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	72535150
NCBI GeneID	395551
NCBI Accession #	NP_001025531.2
NCBI GenBank Nucleotide #	NM_001030360.2
UniProt Accession #	Q90826; Q4KS31; Q910C9
Molecular Weight	9,969 Da
NCBI Official Full Name	C-C motif chemokine 4 homolog
NCBI Official Symbol	CCL4
NCBI Official Synonym Symbols	SCYA4; MIP-1beta
NCBI Protein Information	C-C motif chemokine 4 homolog
UniProt Protein Name	C-C motif chemokine 4 homolog
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	SCYA4; MIP-1-beta

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/chicken-elisa-kits/macrophage-inflammatory-protein-1-beta-mip1b/66348>