

## Rat CCL4,MIP-1 Beta ELISA Kit

Catalog No: #EK5423

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Rat CCL4,MIP-1 Beta ELISA Kit
Specificity	Rat
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	E.Coli,A24-N92
Other Names	C-C motif chemokine 4; Macrophage inflammatory protein 1-beta; MIP-1-beta; Small-inducible cytokine A4; Ccl4; Mip1b, Scya4;
Accession No.	P50230
Uniprot	P50230
GeneID	116637;
Cell Localization	Secreted.

## Application Details

sensitivity:10pg mlDetect Range:15.6pg ml-1000pg ml  
 sample\_type:cell culture supernates serum and plasma(heparin EDTA citrate).  
 capture\_antibody:monoclonal antibody from mouse  
 detection\_antibody:polyclonal antibody from goat  
 gene\_name:CCL4  
 protein\_name:C-C motif chemokine 4  
 gene\_full\_name:C-C motif chemokine 4  
 tissue\_specificity:sequence\_similarities:tmb\_incubation:15-20min  
 research\_category:immunology|innate immunity|macrophage / inflamm.|chemokines|beta chemokines (cc)|kits/ lysates/ other|kits|elisa kits|cytokines and cytokine receptors elisa kits|immune system diseases|antiviral signaling|hiv-related

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Rat CCL4,MIP-1 beta

## Background

protein\_function: Monokine with inflammatory and chemokinetic properties. Chemokine(C-C motif) ligand 4, also known as CCL4, is a protein which in mouse is encoded by the CCL4 gene. It is a CC chemokine with specificity for CCR5 receptors. It is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is a major HIV-suppressive factor produced by CD8+ T cells. Performing-low memory CD8+ T cells that normally synthesize MIP-1-beta. By analysis of somatic cell hybrids and by in situ hybridization, the CCL4 gene was assigned to 17q21-q23. Based on functional analysis of MIP-1beta, one or more additional beta chemokine receptors that transduce MIP-1beta signals must also exist. MIP-1alpha and MIP-1beta have been shown to lack affinity for the erythrocyte surface chemokine receptor,Duffy antigen that binds many alpha as well as beta chemokines(11, 14).

Note: This product is for in vitro research use only