

# Mouse IL-13 ELISA Kit

Catalog No: #EK5175

Package Size: #EK5175-1 48T #EK5175-2 96T

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

## Description

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| Product Name        | Mouse IL-13 ELISA Kit                                                 |
| Specificity         | Mouse                                                                 |
| Crossing Reactivity | There is no detectable cross-reactivity with other relevant proteins. |
| Immunogen Type      | E.coli,S26-F131                                                       |
| Other Names         | Interleukin-13; IL-13; T-cell activation protein P600; Il13; Il-13;   |
| Accession No.       | P20109                                                                |
| Cell Localization   | Secreted.                                                             |

## Application Details

sensitivity:2pg mlDetect Range:15.6pg ml-1000pg ml-sample\_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).capture\_antibody:monoclonal antibody from ratdetection\_antibody:polyclonal antibody from goatgene\_name:IL13protein\_name:Interleukin-13gene\_full\_name:Interleukin-13tissue\_specificity:sequence\_similarities:tmb\_incubation:25-30minresearch\_category:immunology|innate immunity|cytokines|interleukins

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse IL-13

## Background

protein\_function: Cytokine. Inhibits inflammatory cytokine production.Synergizes with IL2 in regulating interferon-gamma synthesis. Maybe critical in regulating inflammatory and immune responses (Bysimilarity)..Interleukin(IL)-13 is a major inducer of fibrosis in many chronic infectious and autoimmune diseases. Recombinant IL-13 protein inhibits inflammatory cytokine production induced by lipopolysaccharide in human peripheral blood monocytes. Moreover, it synergizes with IL-13 in regulating interferon-gamma synthesis in large granular lymphocytes. Interleukin-13 may be critical in regulating inflammatory and immune responses. IL-13 and IL-4 are two cytokines produced by T helper type 2 cells, mast cells, and basophils. In addition to their physiological roles, these cytokines are also implicated in pathological conditions such as asthma and allergy. The genes encoding human IL-4 and IL-13 are located on segment q23-31 of chromosome 5.4 Recombinant mouse IL-13 is a mixture of Ser26-Phe131 amino acids with the molecular mass of 11.5KDa.

## Published Papers

el at., ALKBH5 promotes PD-L1-mediated immune escape through m6A modification of ZDHHC3 in glioma. In Cell Death Discov on 2022 Dec 24 by Wenhui Tang, Ningbo Xu, et al..PMID:36566230, , (2022)

[PMID:36566230](https://pubmed.ncbi.nlm.nih.gov/36566230/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.