

Mouse IL-13 ELISA Kit

Catalog No: #EK5175

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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
Uniprot	P20109
GeneID	16163;
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 goat
gene_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.

Note: This product is for in vitro research use only