Mouse IL-17F ELISA Kit

Catalog No: #EK5346

Description



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Product Name	Mouse IL-17F ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	E.coli,R21-A153
Other Names	Interleukin-17F; IL-17F; II17f;
Accession No.	Q7TNI7
Uniprot	Q7TNI7
GeneID	257630;
Cell Localization	Secreted.

Application Details

sensitivity:10pg mlDetect Range:31.2pg ml-2000pg mlsample_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:IL17Fprotein_name:Interleukin-17Fgene_full_name:Interleukin-17Ftissue_specificity: Expressed by a subset of activated T-cells in the lamina propria..sequence_similarities:tmb_incubation:25-30minresearch_category:cardiovascular|angiogenesis|inhibitors|cytokines|interleukin|immunology|innate immunity|interleukins|cancer|invasion/microenvironment|angiogenic inhibitory factors

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse IL-17F

Background

protein_function: Stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony-stimulating factor, and canregulate cartilage matrix turnover. Stimulates PBMC and T-cellproliferation. Inhibits angiogenesis. Plays a role in theinduction of neutrophilia in the lungs and in the exacerbation ofantigen-induced pulmonary allergic inflammation..Interleukin 17F, also called IL17F is involved in the regulation of normal versus aberrant T-cell responses. This gene is mapped to 6p12.2. The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2,GM_CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1,TGFB, and monocyte chemoattractant protein-1. It is suggested that targeting IL17 and IL17F or antagonizing IL17R might mitigate neutrophil-mediated inflammation in CF.

Note: This product is for in vitro research use only