Interleukin 1 Delta (FIL1D) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Interleukin 1 Delta (FIL1D), ELISA Kit
Full Product Name	Mouse Interleukin 1 Delta ELISA Kit
Product Gene Name	FIL1D elisa kit
Species Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Related Product Information for FIL1D elisa kit	MBS028122 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Interleukin 1 Delta (FIL1D) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing FIL1D. The ELISA analytical biochemical technique of the MBS028122 kit is based on FIL1D antibody-FIL1D antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect FIL1D antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, FIL1D. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of FIL1D elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FIL1D. It may not necessarily be applicable to this product.

NCBI GI #	9651789
NCBI Accession #	AAF91274.1
NCBI Official Full Name	interleukin-1 delta
Protein Family	Interleukin-36 receptor antagonist protein

UniProt Comments for FIL1D	IL1F5: Is a highly and a specific antagonist of the IL-1 receptor-related protein 2-mediated response to interleukin 1 family member 9 (IL1F9). Could constitute part of an independent signaling system analogous to interleukin-1 alpha (IL-1A), beta (IL-1B) receptor agonist and interleukin-1 receptor type I (IL- 1R1), that is present in epithelial barriers and takes part in local inflammatory response. Defects in IL36RN are the cause of psoriasis generalized pustular (PSORP). PSORP is a life-threatening disease defined by repeated flares of sudden onset consisting of diffuse erythematous skin eruption characterized by rapid coverage with pustules, high-grade fever, asthenia, marked leukocytosis, and elevated serum levels of C-reactive protein. Belongs to the IL-1 family. Protein type: Cytokine Chromosomal Location of Human Ortholog: 2q14 Cellular Component: extracellular space Molecular Function: interleukin-1 receptor binding; cytokine activity; interleukin-1 receptor antagonist activity Biological Process: negative regulation of interleukin-17 production; cytokine and chemokine mediated signaling pathway; negative regulation of interleukin-6 production; innate immune response; antifungal humoral response; negative regulation of cytokine and chemokine mediated signaling pathway Disease: Psoriasis 14, Pustular
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