



Mouse Interleukin 4 ELISA Kit (2 plates)

Catalogue No.: BEK-2039-2P

Description: The mouse Interleukin (IL-4) Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse IL-4 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known IL-4 concentration are added to these wells and allowed to complex with the bound IL-4 antibody. A biotinylated mouse IL-4 monoclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of IL-4 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse IL-4 in samples such as sera and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

Batch No.: See product labels

Other Names: Interleukin-4; IL-4; B-cell IgG differentiation factor; B-cell growth factor 1; B-cell stimulatory factor 1; BSF-1; IGG1 induction factor; Lymphocyte stimulatory factor 1; IL4; IL-4;

Accession: P07750 IL4_MOUSE;

Specificity: Mouse IL-4

Storage: Store at 2-8C

Kit components: The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

Range: 7.8 pg/mL - 500 pg/mL

Sensitivity: < 1 pg/ml

Kit protocol: Please refer to our online product listing for current protocol/MSDS versions.



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY