

Mouse Interleukin 12 (IL-12 p70) ELISA Kit (2 plates)

Catalogue No.: BEK-2049-2P

Description: The mouse Interleukin 12 (p70) Kit is a sandwich ELISA. The capture antibody is a monoclonal specific for mouse IL-12(p70) antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and recombinant standards of known IL-12(p70) concentration are added to these wells and allowed to complex with the bound IL-12(p70) antibody. A biotinylated polyclonal IL-12(p70) specific 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-12(p70) present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse IL-12(p70) in samples of cell culture supernatants and serum. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures. The standard product used in this kit is recombinant mouse IL-12 p70 comprising of a 193 amino acids p35 chain and a 313 amino acids p40 chain connected by a disulfide bond.

Batch No.: See product labels

Other Names: Interleukin-12; IL-12; IL12; IL-12p70

Specificity: Mouse IL-12(p70)

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: 15.6 pg/mL - 1,000 pg/mL

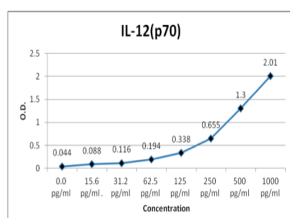
Sensitivity: < 1.5 pg/ml

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

IX: Typical Standard Curve (for reference only, not to be used for actual data)

Concentration pg/ml	0.0	15.6	31.2	62.5	125	250	500	1000
O.D.	0.044	0.088	0.116	0.194	0.338	0.655	1.30	2.010

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



FOR RESEARCH USE ONLY