

Mouse C-X-C motif chemokine 10 (CxCL10)/10 kDa interferon gamma-induced protein (IP-10/Gamma IP-10) ELISA Kit (2 plates)

Catalogue No.: BEK-2124-2P

Description: The mouse CXCL10 Kit is a sandwich ELISA. The capture antibody is a monoclonal CXCL10 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known CXCL10 concentration are added to these wells and allowed to complex with the bound CXCL10 antibody. A biotinylated anti-mouse CXCL10 polyclonal 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 CXCL10 present in the samples. The purpose of this kit is for quantitative detection of mouse CXCL10/IP-10 in cell culture supernatants, serum, and heparin plasma samples only when used as directed. 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

Antigen: The standard product used in this kit is recombinant mouse CXCL10/IP-10, consisting amino acids 22-98 expressed in and purified from an E. coli expression system

Other Names: C-X-C motif chemokine 10; 10 kDa interferon gamma-induced protein; Gamma-IP10; IP-10; C7; Interferon-gamma induced protein CRG-2; Small-inducible cytokine B10; Cxcl10; Crg2; Ifi10; Inp10; Scyb10;

Accession: P17515 CXL10_MOUSE;

Specificity: Mouse CXCL10/IP-10

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.

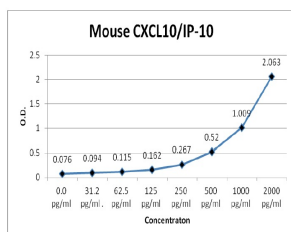
Range: 31.2 pg/mL - 2,000 pg/mL

Sensitivity: < 1 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	31.2	62.5	125	250	500	1000	2000
O.D.	0.076	0.094	0.115	0.162	0.267	0.520	1.009	2.063



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

FOR RESEARCH USE ONLY