



Mouse Interleukin 17A (IL-17A/IL-17) ELISA Kit (2 plates)

Catalogue No.: BEK-2054-2P

Description: The mouse Interleukin 17 (IL-17) Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse IL-17 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known IL-17 concentration are added to these wells and allowed to complex with the bound IL-17 antibody. A biotinylated mouse IL-17 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 IL-17 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse IL-17A in cell culture supernatants, cell lysates, serum, and EDTA or heparin plasma samples only when used as directed. For research use only, not for clinical or diagnostic use.

Batch No.: See product labels

Antigen: The standard product used in this kit is recombinant mouse IL-17A, consisting amino acids 22-158 expressed in and purified from an E. coli expression system.

Other Names: Interleukin-17; IL-17; IL17; Interleukin-17A; IL-17A; Cytotoxic T-lymphocyte-associated antigen 8; CTLA-8; II17a; Ctl8; II17;

Accession: Q62386 IL17_MOUSE;

Applications: ELISA

Specificity: Mouse IL-17A/IL-17

Cross-reactivity: None detected

Storage: Store at 4°C

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

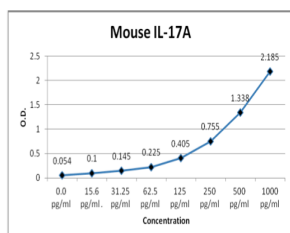
Range: 15.6 pg/ml - 1,000 pg/ml

Sensitivity: < 1 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 pg/ml	15.6 pg/ml	31.25 pg/ml	62.5 pg/ml	125 pg/ml	250 pg/ml	500 pg/ml	1000 pg/ml
O.D.	0.054	0.100	0.145	0.225	0.405	0.755	1.338	2.185



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

FOR RESEARCH USE ONLY