



## 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 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

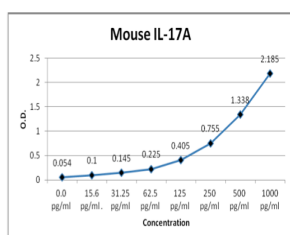
**Sensitivity:** < 1 pg/ml

**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