

## Mouse CXCL16 ELISA Kit (2 plates)

**Catalogue No.:** BEK-2144-2P

**Description:** The mouse CXCL16 Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse CXCL16 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known CXCL16 concentration are added to these wells and allowed to complex with the bound CXCL16 antibody. A biotinylated mouse CXCL16 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 CXCL16 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse CXCL16 in samples such as sera, plasma, tissue lysates 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:** C-X-C motif chemokine 16; Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX; Small-inducible cytokine B16; Transmembrane chemokine CXCL16; Srpsox;

**Accession:** Q8BSU2 CXL16\_MOUSE;

**Specificity:** Mouse CXCL16

**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

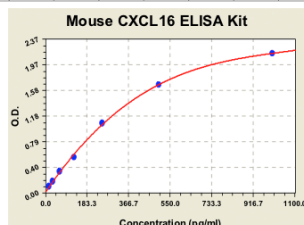
**Sensitivity:** < 1 pg/ml

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

**Typical Mouse CXCL16 ELISA Kit Standard Curve**

(TMB reaction incubate at 37°C for 15 min)

Concentration	0.0pg/ml	15.6pg/ml	31.3pg/ml	62.5pg/ml	125pg/ml	250pg/ml	500pg/ml	1000pg/ml
O.D.	0.007	0.113	0.189	0.342	0.558	1.086	1.670	2.154



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

FOR RESEARCH USE ONLY