

## Mouse Fractalkine/CX3CL1 ELISA Kit (2 plates)

**Catalogue No.:** BEK-2146-2P

**Description:** The mouse Fractalkine/CX3CL1 Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse Fractalkine/CX3CL1 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known Fractalkine/CX3CL1 concentration are added to these wells and allowed to complex with the bound Fractalkine/CX3CL1 antibody. A biotinylated anti-mouse Fractalkine/CX3CL1 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 Fractalkine/CX3CL1 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse Fractalkine/CX3CL1 in samples such as sera, plasma, 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

**Antigen:** The standard and immunogen used in this mouse Fractalkine/CX3CL1 ELISA kit is recombinant mouse Fractalkine/CX3CL1 that is produced in and purified from an sf21 insect cell expression system. The recombinant protein material is highly purified and contains no infectious agents.

**Other Names:** C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; Neurotactin; Small-inducible cytokine D1; Cx3cl1; Cx3c; Fkn; Scyd1;

**Accession:** O35188 X3CL1\_MOUSE;

**Specificity:** Mouse Fractalkine/CX3CL1

**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.

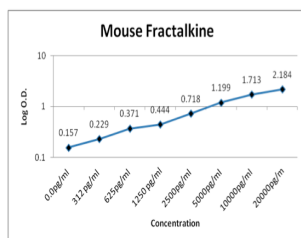
**Range:** 312 pg/mL - 20,000 pg/mL

**Sensitivity:** < 10 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	0.0pg/ml	312 pg/ml	625pg/ml	1250 pg/ml	2500pg/ml	5000pg/ml	10000pg/ml	20000pg/ml
O.D.	0.157	0.229	0.371	0.444	0.718	1.199	1.713	2.184



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

FOR RESEARCH USE ONLY