



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

**Catalogue No.:** BEK-2018-2P

**Description:** The human Fractalkine Kit is a sandwich ELISA. The capture antibody is a polyclonal human Fractalkine antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known Fractalkine concentration are added to these wells and allowed to complex with the bound Fractalkine antibody. A biotinylated human Fractalkine 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 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human Fractalkine 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

**Antigen:** The standard and immunogen used for this human Fractalkine ELISA is recombinant human Fractalkine amino acids 25-339 that was produced in and purified from a mammalian cell expression system.

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

**Accession:** P78423 X3CL1\_HUMAN;

**Specificity:** Human 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.

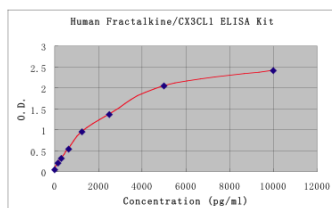
**Range:** 156 pg/mL - 10,000 pg/mL

**Sensitivity:** < 50 pg/ml

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

Typical Human Fractalkine ELISA Kit Standard Curve  
(TMB reaction incubated at 37°C for 20 min)

Concentration (pg/ml)	0.0	156	313	625	1250	2500	5000	10,000
O.D.	0.045	0.204	0.320	0.539	0.957	1.380	2.054	2.414



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

FOR RESEARCH USE ONLY