

Product Datasheet

Human CX3CL1/Fractalkine ELISA Kit (Colorimetric) KA0545

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0545**Human CX3CL1/Fractalkine ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description	
Description	CX3CL1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CX3CL1.
Gene ID	6376
Gene Symbol	CX3CL1
Species	Human
Kit Components	Antibody coated microwells, Lyophilized recombinant Human CX3CL1 standar, Sample diluent buffer:, Biotinylated anti- Human CX3CL1 antibody, Antibody diluent buffer, Avidin-Biotin-Peroxidase Complex (ABC), ABC diluent buffer, TMB color developing agent, TMB stop solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	156 to 10000 pg/mL
Sensitivity	<50 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant, Human Milk, Plasma (EDTA, Heparin), Saliva, Serum and Urine
Sample Volume	100 uL

Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Publications

Batool A, Wang YQ, Hao XX et al. A miR-125b/CSF1-CX3CL1/tumor-associated macrophage recruitment axis controls testicular germ cell tumor growth. Cell Death Dis 2018-09-20 [PMID: 30237497]

Nomiyama H, Imai T, Kusuda J et al. Human chemokines fractalkine (SCYD1), MDC (SCYA22) and TARC (SCYA17) are clustered on chromosome 16q13. Cytogenet Cell Genet. 1998-01-01 [PMID: 9691168]

Pan Y, Lloyd C, Zhou H et al. Neurotactin, a membrane-anchored chemokine upregulated in brain inflammation. Nature. 1997-06-05 [PMID: 9177350]

Lucas AD, Bursill C, Guzik TJ et al. Smooth muscle cells in human atherosclerotic plaques express the fractalkine receptor CX3CR1 and undergo chemotaxis to the CX3C chemokine fractalkine (CX3CL1). Circulation. 2003-11-18 [PMID: 14581400]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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