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CXCL3 ELISA Kit



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Quantity:	1 kit
Target:	CXCL3
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: C-X-C motif chemokine 3, Chemokine (CXC motif) ligand 3, Cinc 2, Cinc 2, CINC 2b,

Synonyms: C-X-C motif chemokine 3, Chemokine (CXC motif) ligand 3, Cinc 2, Cinc2, CINC2b, CXCL3_HUMAN, Cytokine induced neutrophil chemoattractant 2, Dcip1, Dendritic cell inflammatory protein 1, Gm1960, GRO protein gamma, GRO-gamma, GRO-gamma(1-73), GRO-gamma(5-73), GRO3, GRO3 oncogene, GROG, Growth regulated protein gamma, Macrophage inflammatory protein 2 beta precursor, Melanoma growth stimulatory activity gamma, Member 3, MGSA gamma, MIP 2b, MIP2-beta, MIP2B, SCYB3, Small inducible cytokine subfamily B Background: Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family. It is mapped to 14p2 in rat. CXCL3 controls migration and adhesion of

monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor. It has been shown that CXCL3 regulates cell autonomously the migration of the precursors of cerebellar granule neurons toward the internal layers of cerebellum, during the morphogenesis of cerebellum. CXCL3 also play fundamental roles in the development, homeostasis and it has effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.

Gene Name: CXCL3

Production: Natural and recombinant mouse CXCL3. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: S32-S100

Target Details

Target:	CXCL3
Alternative Name:	CXCL3 (CXCL3 Products)
Gene ID:	330122
NCBI Accession:	NP_976065
UniProt:	Q6W5C0
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

Application Details	
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL,
	15.6pg/mL mouse CXCL3 standard solutions into the precoated 96-well plate. Add 0.1 mL of
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well.
	It is recommended that each mouse CXCL3 standard solution and each sample be measured in
	duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 15.6pg/mL-1000pg/mL
	Other Performance Data: DOE: 2-8° C - 05/09/18 -20° C - 11/10/18
Sample Volume:	100 μL
Plate:	Pre-coated

Application Details

Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.