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## Datasheet for ABIN6719965 **CXCL3 ELISA Kit**

### Overview

Quantity:	1 kit
Target:	CXCL3
Reactivity:	Rat
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 2b, 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

## Product Details

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 rat CXCL3. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: R33-S101

## Target Details

Target:	CXCL3
Alternative Name:	CXCL3 ( <a href="#">CXCL3 Products</a> )
Gene ID:	171551
NCBI Accession:	<a href="#">NP_612531</a>
UniProt:	<a href="#">Q10746</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin, Autophagy</a>

## Application Details

Application Notes:	<p>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 rat 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 rat cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each rat CXCL3 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 15.6pg/mL-1000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	RT, 4 °C, -20 °C
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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.
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