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Datasheet for ABIN6719964 CXCL2 ELISA Kit

Image



#### Overview

Quantity:	1 kit
Target:	CXCL2
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 2, Chemokine (C-X-C motif) ligand 2, CINC-2a, Cxcl2, CXCL2_HUMAN, Gro beta, Gro-beta, GRO-beta(5-73), GRO-beta-T, GRO2, GRO2 oncogene, GROb, Growth-regulated protein beta, Hematopoietic synergistic factor, HSF, Macrophage inflammatory protein 2-alpha, Melanoma growth stimulatory activity beta, MGSA beta, MGSA MIP 2, MIP 2a, MIP2, MIP2-alpha, MIP2A, SB-251353, SCYB2 Background: MIP is a member of the aquaporin family of membrane-bound water channels. MIP family proteins are thought to contain 6 TM domains. Sequence analysis suggests that the proteins may have arisen through tandem, intragenic duplication from an ancestral protein the	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6719964 | 09/10/2023 | Copyright antibodies-online. All rights reserved. contained 3 TM domains. Major intrinsic protein (MIP, also called MP26) is the predominant fiber cell membrane protein of the ocular lens. The major intrinsic protein (MIP) of the vertebrate eye lens is the first identified member of a sequence-related family of cell-membrane proteins that appears to have evolved by gene duplication. Several members of the MIP family transport water (aquaporins), glycerol and other small molecules in microbial, plant and animal cells. Gene Name: CXCL2

Production: Natural and recombinant rat MIP-2. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: S32-N100

## Target Details

Target:	CXCL2
Alternative Name:	CXCL2 - MIP-2 (CXCL2 Products)
Gene ID:	114105
NCBI Accession:	NP_446099
UniProt:	P30348
Pathways:	Cellular Response to Molecule of Bacterial Origin

### Application Details

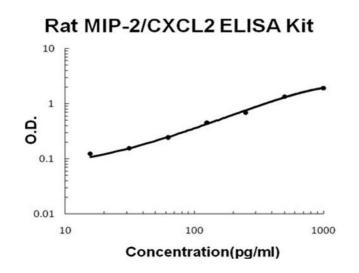
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot	
	0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL,	
	15.6pg/mL rat MIP-2 standard solutions into the precoated 96-well plate. Add 0.1 mL of the	
	sample diluent 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 MIP-2 standard solution and each sample be measured in	
	duplicate.	
	Blood Product Anticoagulant: Heparin Sodium	
	ELISA Dilution: 15.6pg/mL-1000pg/mL	
Sample Volume:	100 µL	
Plate:	Pre-coated	
Restrictions:	For Research Use only	

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

Images



#### ELISA

**Image 1.** Rat CXCL2/MIP-2 Accusignal ELISA Kit Rat CXCL2/MIP-2 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.

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