

Datasheet for ABIN6719936
CXCL9 ELISA Kit



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1 Image

Overview

Quantity:	1 kit
Target:	CXCL9
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Mouse CXCL9 Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant mouse CXCL9. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 10 pg/mL
Components:	<ul style="list-style-type: none">• Antibody-coated 96-well plate• Target Protein Standard• Detection antibody

Product Details

- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

Target Details

Target: CXCL9

Alternative Name: CXCL9 ([CXCL9 Products](#))

Background: Synonyms: C-X-C motif chemokine 9, Chemokine (C-X-C motif) ligand 9, CMK, Crg 10, CXCL9, CXCL9_HUMAN, Gamma interferon induced monokine, Gamma-interferon-induced monokine, HuMIG, MIG, Monokine induced by gamma interferon, Monokine induced by interferon gamma, Monokine induced by interferon-gamma, SCYB9, Small inducible cytokine B9, Small inducible cytokine subfamily B member 9, Small-inducible cytokine B9

Background: Chemokine (C-X-C motif) ligand 9 (CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine induced by gamma interferon (MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN-gamma. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. The standard product used in this kit is recombinant human CXCL9, consisting of 103 amino acids with the molecular mass of 11.7KDa.

Gene ID: 17329

NCBI Accession: [NP_032625](#)

UniProt: [P18340](#)

Application Details

Application Notes: ELISA_Dilution: 31.2 pg/mL-2000 pg/mL

Application_Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, and 62.5pg/mL mouse CXCL9 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(EDTA) to each empty well. It

Application Details

is recommended that each mouse CXCL9 standard solution and each sample be measured in duplicate.

Comment: Standard: Expression system for standard: E.coli, Immunogen sequence: T22-T126

Sample Volume: 100 μ L

Plate: Pre-coated

Restrictions: For Research Use only

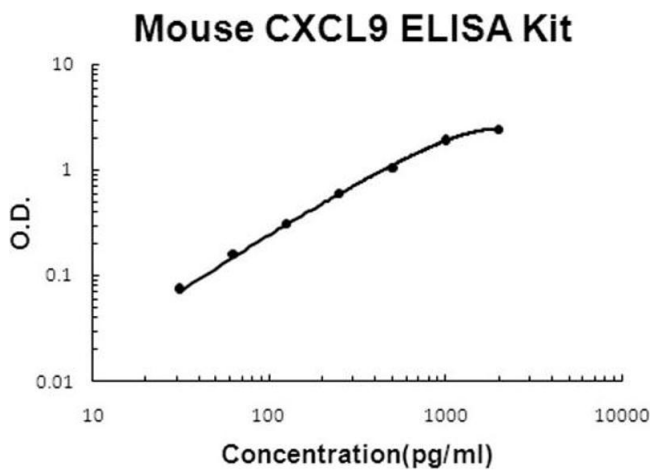
Handling

Storage: 4 $^{\circ}$ C, -20 $^{\circ}$ C

Storage Comment: Store vials at 4 $^{\circ}$ C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4 $^{\circ}$ C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20 $^{\circ}$ C or below for 12 months. Avoid cycles of freezing and thawing.

Expiry Date: 12 months

Images



ELISA

Image 1. Mouse CXCL9 Accusignal ELISA Kit Mouse CXCL9 Accusignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.