

Datasheet for KOA0428**Mouse CXCL9 ELISA Kit****Overview**

Description:	Mouse CXCL9 AccuSignal ELISA Kit - KOA0428
Item No.:	KOA0428
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	62.5 pg/ml - 4000 pg/ml

Product Details

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.
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
Detection Kit Type:	ELISA Kit
Detection Range:	62.5 pg/ml - 4000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CXCL9
Reactivity:	Mouse
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: T22-T126

Purity/Specificity: Natural and recombinant mouse CXCL9. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - P18340](#)
- [NCBI - NP_032625.2](#)
- [GeneID - 17329](#)
- [KOA0428 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(EDTA) to each empty well. It is recommended that each mouse CXCL9 standard solution and each sample be measured in duplicate.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 31.2 pg/mL-2000 pg/mL

Other: Expiration Date:
2-8° C - 4/10/2023
-20° C - 10/10/2023

Formulation

Concentration: 1 Kit

Anticoagulant: Sodium EDTA

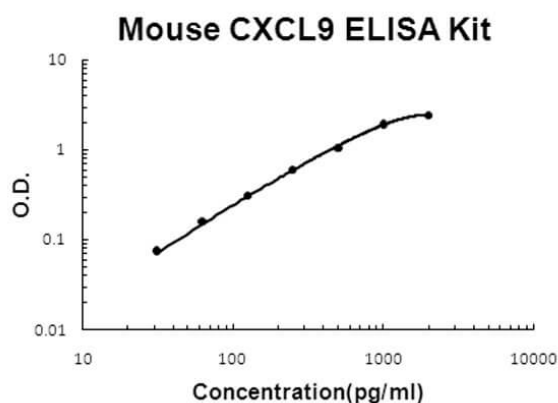
Shipping & Handling

Shipping Condition: Wet Ice

Storage Condition: 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.

Expiration: See kit insert for complete instructions.

Images



ELISA

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

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.