



Datasheet for ABIN5510622

## CXCL14 ELISA Kit



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### 1 Image

#### Overview

Quantity: 96 tests

Target: CXCL14

Binding Specificity: AA 35-111

Reactivity: Cow

Method Type: Sandwich ELISA

Application: ELISA

#### Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Bovine CXCL14

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: E.coli  
Immunogen sequence: S35-E111

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Characteristics: Sequence similarities: Belongs to the intercrine alpha (chemokine CxC) family.  
Tissue Specificity: Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Highly expressed in normal tissue without inflammatory stimuli and infrequently expressed in cancer cell lines. Weakly expressed in monocyte- derived dendritic cells. Not detected in lung or unstimulated peripheral blood lymphocytes. .

## Target Details

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Target:	CXCL14
Alternative Name:	CXCL14 ( <a href="#">CXCL14 Products</a> )
Background:	<p>Protein Function: Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactic for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays. .</p> <p>Background: Chemokine(C-X-C motif) ligand 14(CXCL14) is a small cytokine belonging to the CXC chemokine family that is also known as BRAK(for breast and kidney-expressed chemokine). This gene is mapped to 5q31.1. CXCL14 is constitutively expressed at high levels in many normal tissues, it has been found that fibroblasts are the primary source of CXCL14 and that CXCL14 is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. It is also a potent chemoattractant and activator of dendritic cells, is implicated in homing of these cells, and can stimulate the migration of activated NK cells. CXCL14 also inhibits angiogenesis, possibly as a result of its ability to block endothelial cell chemotaxis. In addition to it, CXCL14 is a potent chemokine for immature DCs, with a chemoattractive activity comparable to bacterial fMLP and MIP1A.</p> <p>Synonyms: C-X-C motif chemokine 14,Chemokine BRAK,MIP-2G,Small-inducible cytokine B14,CXCL14,MIP2G, NJAC, SCYB14,PSEC0212, UNQ240/PRO273,</p> <p>Full Gene Name: C-X-C motif chemokine 14</p> <p>Cellular Localisation: Secreted.</p>
UniProt:	<a href="#">O95715</a>
Pathways:	<a href="#">Autophagy</a>

## Application Details

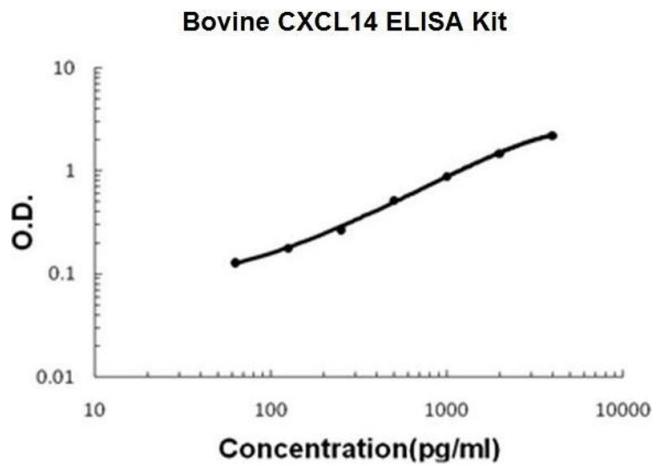
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Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C,-20 °C
Storage Comment:	Store at 4 °C for 6 months, at -20 °C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months



**ELISA**

**Image 1.** Bovine CXCL14 PicoKine ELISA Kit standard curve