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CXCL14 ELISA Kit





Overview

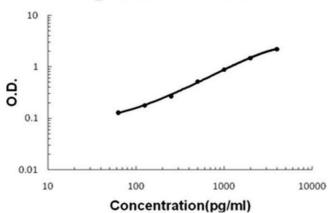
Quantity:	96 tests
Target:	CXCL14
Binding Specificity:	AA 35-111
Reactivity:	Horse
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	

Product Details		
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of horse equine 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

9	
Target:	CXCL14
Alternative Name:	CXCL14 (CXCL14 Products)
Background:	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
	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.
	Synonyms: C-X-C motif chemokine 14,Chemokine BRAK,MIP-2G,Small-inducible cytokine
	B14,CXCL14,MIP2G, NJAC, SCYB14,PSEC0212, UNQ240/PR0273,
	Full Gene Name: C-X-C motif chemokine 14
	Cellular Localisation: Secreted.
UniProt:	095715
Pathways:	Autophagy
Application Details	
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
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.)
Evniny Data:	12 months
Expiry Date:	12 ITIOHUIS

Equine CXCL14 ELISA Kit



ELISA

Image 1. Horse equine CXCL14 PicoKine ELISA Kit standard curve