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## Datasheet for ABIN5510750 IL23R ELISA Kit

Image



#### Overview

Quantity:	96 tests
Target:	IL23R
Binding Specificity:	AA 25-354
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

#### Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human IL-23R
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO, Immunogen sequence: I25-I354
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells.

## Target Details

Target:	IL23R
Alternative Name:	IL23R (IL23R Products)

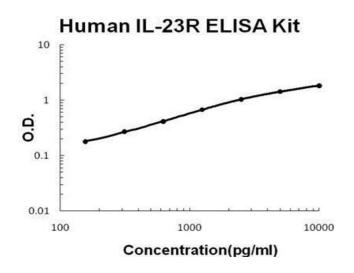
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## Target Details

Background:	Protein Function: Associates with IL12RB1 to form the interleukin-23 receptor. Binds IL23 and
	mediates T-cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably
	through activation of the Jak-Stat signaling cascade. IL23 functions in innate and adaptive
	immunity and may participate in acute response to infection in peripheral tissues. IL23 may be
	responsible for autoimmune inflammatory diseases and be important for tumorigenesis.
	Background: Interleukin-23 subunit alpha is a protein that in humans is encoded by the IL23A
	gene. The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein
	pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A
	signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to
	transcription activator STAT3 in a ligand-dependent manner.
	Synonyms: Interleukin-23 receptor, IL-23 receptor, IL-23R, IL23R,
	Full Gene Name: interleukin 23 receptor
	Cellular Localisation: Cell membrane
UniProt:	Q5VWK5
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process,
	Activated T Cell Proliferation

### **Application Details**

Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	4 °C,-20 °C
Storage: Storage Comment:	4 °C,-20 °C Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped



#### ELISA

Image 1. Human IL-23R PicoKine ELISA Kit standard curve

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