

Datasheet for ABIN6720030  
**IL28A ELISA Kit**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	1 kit
Target:	IL28A
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	125 pg/mL - 8000 pg/mL
Minimum Detection Limit:	125 pg/mL
Application:	ELISA

## Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: Cytokine ZCYTO20, EG330496, IFN-lambda-2, IFNL2, IL 28A, IL-28A, IL28A, IL28A_HUMAN, Interferon lambda 2, Interferon lambda-2, Interleukin 28A, Interleukin-28A</p> <p>Background: Interferon lambda-2, also called IFNL2 or IL28A is a class II cytokine receptor ligand related to type I interferons. This gene is mapped to 19q13.2. This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28B(IL28B), and interleukin 29(IL29) are three closely related cytokine genes that form a cytokine gene cluster. It up-regulates MHC class I antigen expression. It also displays antitumor activity. The ligand/receptor complex seems to signal through the Jak-STAT pathway. This</p>
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## Product Details

gene seems not to be essential for early virus-activated host defense in vaginal infection, but plays an important role in Toll-like receptor(TLR)-induced antiviral defense. It seems play a significant role in the antiviral immune defense in the intestinal epithelium.

Gene Name: IFNL2

Production: Natural and recombinant human IL-28A. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: V26-V200

## Target Details

Target:	IL28A
Alternative Name:	IL-28A ( <a href="#">IL28A Products</a> )
Gene ID:	282616
NCBI Accession:	<a href="#">NP_742150</a>
UniProt:	<a href="#">Q8IZJ0</a>

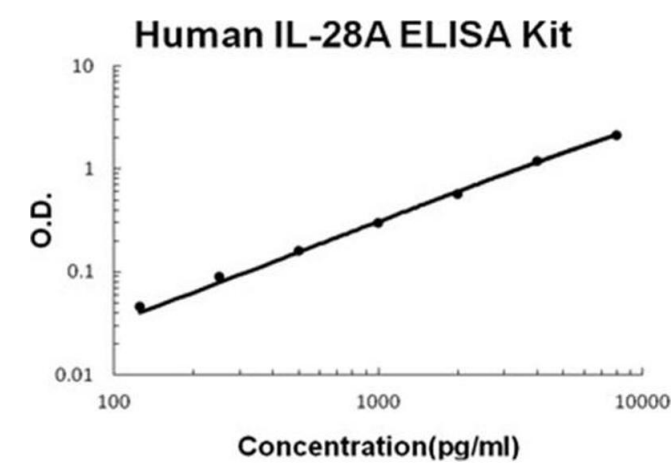
## Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 8000pg/mL, 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL human IL-28A 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 human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human IL-28A standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 125pg/mL-8000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at

Handling

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.

Images



ELISA

**Image 1.** Human IL-28A Accusignal ELISA Kit Human IL-28A

AccuSignal   ELISA   Kit   standard   curve.   Assay

Range: 125pg/ml-8000pg/ml. Sensitivity: <10pg/ml.