

Datasheet for ABIN6720110
IL-27 ELISA Kit

1 Image

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Overview

Quantity:	1 kit
Target:	IL-27 (IL27)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 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: IL 27A, IL 30, IL-27 subunit alpha, IL-27-A, IL27, IL27-A, IL27A, IL27A_HUMAN, IL27p28, IL30, Interleukin 27, Interleukin 27 subunit alpha, Interleukin 30, Interleukin-27 subunit alpha, p28</p> <p>Background: Interleukin-27(IL-27) is a heterodimeric cytokine belonging to the IL-12 family that is composed of two subunits, Epstein-Barr virus(EBV)-induced gene 3(EBI3)(also known as IL-27B) and IL27-p28(known as IL-30). IL-27 is produced by antigen-presenting cells.IL-27 plays an important function in regulating the activity of B- and T-lymphocytes. IL-27, a potent inhibitor of T(H)-17 cell development, may be a useful target for treating inflammatory diseases mediated</p>

Product Details

by these cells.

Gene Name: IL27

Production: Natural and recombinant human IL-27. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: EBI3(R21-K229)+P28(F29-P243)

Target Details

Target: IL-27 (IL27)

Alternative Name: IL-27 ([IL27 Products](#))

Gene ID: 246778

NCBI Accession: [NP_663634](#)

UniProt: [Q8NEV9](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human IL-27 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-27 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156pg/mL-10000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

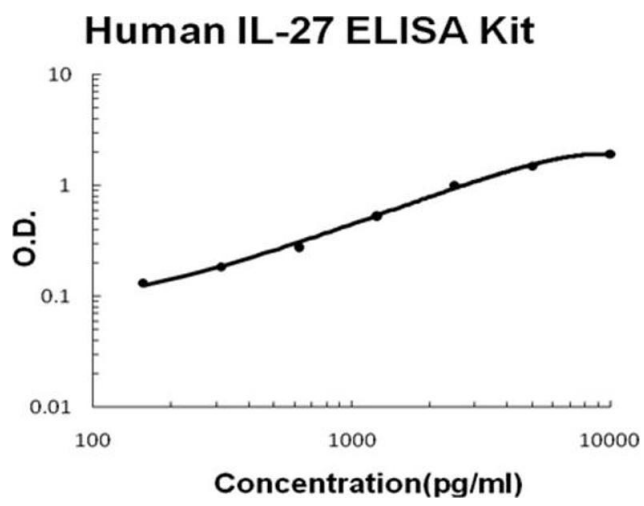
Restrictions: For Research Use only

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 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.



ELISA

Image 1. Human IL-27 Accusignal ELISA Kit Human IL-27 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.