antibodies - online.com







IL-27 ELISA Kit





Overview

Quantity:	1 kit
Target:	IL-27 (IL27)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 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:	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, p29	

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. By genomic sequence analysis, the IL27 p28 gene was mapped to chromosome 16p11. L-27 plays an important function in regulating the activity of B- and T-lymphocytes. The effects of IL-27 are

eliciting by its interaction with a specific cell-surface receptor complex composed of two proteins known as IL27R and gp130.

Gene Name: IL27

Production: Natural and recombinant mouse IL-27 p28. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: F29-S234

Target Details

Target:	IL-27 (IL27)
Alternative Name:	IL-27 p28 (IL27 Products)
Gene ID:	246779
NCBI Accession:	NP_663611
UniProt:	Q8K3I6

Application Details

App	lication	Notes:
-----	----------	--------

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL mouse IL-27 p28 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 mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse IL-27 p28 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

Blood Product Anticoagulant. Hepanii Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume:

100 μL

Plate:

Pre-coated

Restrictions:

For Research Use only

Handling

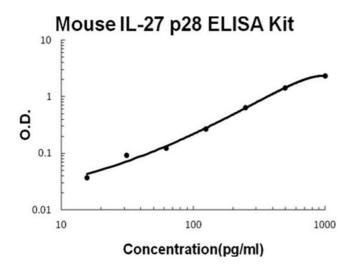
Storage:	RT,4 °C,-20 °C

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.

Images



ELISA

Image 1. Mouse IL-27 p28 Accusignal ELISA Kit Mouse IL-27 p28 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.