

Datasheet for ABIN6719834 IL1R1 ELISA Kit



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1 Image

Overview

Quantity:	1 kit
Target:	IL1R1
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, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: IL-1R-1, IL-1RT-1, IL-1RT1, CD121 antigen-like family member A, Interleukin-1 receptor alpha, IL-1R-alpha, Interleukin-1 receptor type I, p80, CD_antigen: CD121a, L1R, IL1RA, IL1RT1, CD121A, D2S1473</p> <p>Background: Interleukin 1 receptor, type I(IL1R1), also known as CD121a(Cluster of Differentiation 121a), is an interleukin receptor. The protein encoded by this gene is a cytokine receptor that belongs to the interleukin-1 receptor family. IL1R1 along with interleukin 1 receptor, type II(IL1R2), interleukin 1 receptor-like 2(IL1RL2), and interleukin 1 receptor-like 1(IL1RL1) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. This</p>

Product Details

protein is a receptor for interleukin 1 alpha(IL1A), interleukin 1 beta(IL1B), and interleukin 1 receptor antagonist(IL1RA). It is an important mediator involved in many cytokine induced immune and inflammatory responses.

Gene Name: IL1R1

Production: Natural and recombinant human IL1R1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D21-T332

Target Details

Target: IL1R1

Alternative Name: IL1R1 ([IL1R1 Products](#))

Gene ID: 3554

NCBI Accession: [NP_000868](#)

UniProt: [P14778](#)

Pathways: [NF-kappaB Signaling](#), [Carbohydrate Homeostasis](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: 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 IL1R1 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 or serum to each empty well. It is recommended that each human IL1R1 standard solution and each sample be measured in duplicate.

ELISA Dilution: 125pg/mL-8000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

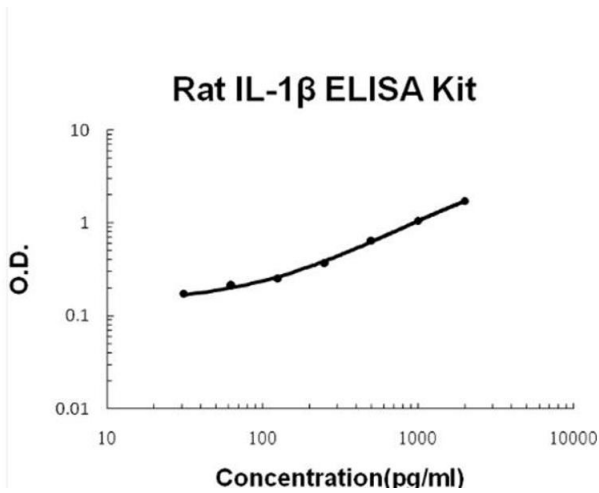
Handling

Storage: RT,4 °C,-20 °C

Handling

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. Human IL1R1 Accusignal ELISA Kit Human IL1R1 AccuSignal ELISA Kit standard curve. Assay Range: 125pg/ml-8000pg/ml. Sensitivity: <10pg/ml.