

## Datasheet for ABIN6720174 IL1RN ELISA Kit



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### 1 Image

#### Overview

Quantity:	1 kit
Target:	IL1RN
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 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: Anakinra, DIRA, CIL 1RA, ICIL-1RA, IL 1ra, IL 1RN, IL-1ra, IL-1RN, IL1 inhibitor, IL1F3, IL1RA, IL1RA_HUMAN, IL1RN, Interleukin 1 receptor antagonist, Interleukin 1 receptor antagonist protein, Interleukin-1 receptor antagonist protein, Intracellular IL 1 receptor antagonist type II, Intracellular interleukin 1 receptor antagonist, IRAP, MGC10430, MVCD4, Type II interleukin 1 receptor antagonist</p> <p>Background: The interleukin-1 receptor antagonist(IL-1RA) is a protein that in humans is encoded by the IL1RN gene. The human IL1RN gene was localized to the long arm of chromosome 2 at band 2q14.2 by fluorescence in situ hybridization.<sup>3</sup> IL-1RA is a member of</p>

## Product Details

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the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha(IL1A) and interleukin 1, beta(IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses.

Gene Name: IL1RN

Production: Natural and recombinant human IL-1RA. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: R26-E177

## Target Details

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Target: IL1RN

Alternative Name: IL-1RA ([IL1RN Products](#))

Gene ID: 3557

NCBI Accession: [NP\\_000568](#)

UniProt: [P18510](#)

Pathways: [NF-kappaB Signaling](#), [Hormone Transport](#), [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL human IL-1RA 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-1RA standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 31.2pg/mL-2000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

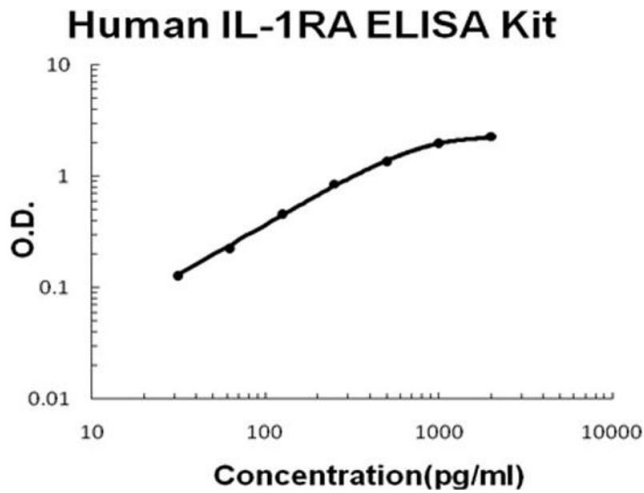
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Storage: RT, 4 °C, -20 °C

## 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 IL-1RA Accusignal ELISA Kit Human IL-1RA AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <2pg/ml.