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Datasheet for ABIN6720173 IL18R1 ELISA Kit



Overview

Quantity:	1 kit
Target:	IL18R1
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:	Synonyms: CD218 antigen-like family member A, CD218a, CDw218a, CDw218a antigen, IL 1Rrp
	IL-18R-1, IL-18R1, IL-1Rrp, IL1 receptor related protein, IL1 receptor-related protein,
	IL18R_HUMAN, IL18R1, IL18RA, II18ralpha, IL1R-rp, IL1RRP, Interleukin 18 receptor 1,
	Interleukin 18 receptor alpha chain, Interleukin-18 receptor 1
	Background: The interleukin-18 receptor 1(IL-18R1), also known as CDw218a(cluster of
	differentiation w218a) or IL18RA, is an interleukin receptor of the immunoglobulin superfamily.
	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1
	receptor family. This gene along with four other members of the interleukin 1 receptor family,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720173 | 09/10/2023 | Copyright antibodies-online. All rights reserved. including IL1R2, IL1R1, ILRL2(IL-1Rrp2), and IL1RL1(T1/ST2), form a gene cluster on
chromosome 2q. This receptor specifically binds interleukin 18(IL18), and is essential for IL18
mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this
receptor in NK and T cells.
Gene Name: IL18R1
Production: Natural and recombinant human IL-18R1. There is no detectable cross-reactivity
with other relevant proteins.
Standard: Expression system for standard: NSO, Immunogen sequence: C22-R329

Target Details

Target:	IL18R1
Alternative Name:	IL-18R1 (IL18R1 Products)
Gene ID:	8809
NCBI Accession:	NP_001269328
UniProt:	Q13478

Application Details

Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
Storage:	RT,4 °C,-20 °C
Handling	
Restrictions:	For Research Use only
Plate:	Pre-coated
Sample Volume:	100 µL
	ELISA Dilution: 31.2pg/mL-2000pg/mL
	It is recommended that each human IL-18R1 standard solution and each sample be measured in duplicate.
	sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well.
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	31.2pg/mL human IL-18R1 standard solutions into the precoated 96-well plate. Add 0.1 mL of
	0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL,
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot

International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6720173 | 09/10/2023 | Copyright antibodies-online. All rights reserved. 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.