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Datasheet for ABIN6720228 IL-25 ELISA Kit

Image



#### Overview

Quantity:	1 kit
Target:	IL-25 (IL25)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 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 17E, IL 25, IL-17E, IL-25, IL17e, IL25, IL25_HUMAN, Interleukin 17E, Interleukin 25,
	Interleukin-17E, Interleukin-25, Interleukin17E, Interleukin25, OTTHUMP00000027946,
	OTTHUMP00000246238, UNQ3120/PR010272
	Background: Interleukin-25 (IL-25), also known as interleukin-17E (IL-17E), is a protein that in
	humans is encoded by the IL25 gene. It is a cytokine that belongs to the IL-17 cytokine family
	and mapped to 14q11.2. IL-25 is secreted by type 2 helper T cells (Th2) and mast cells. It has
	been found that IL-25 can induce Th2-type cytokine expression and production by non-T, non-B
	accessory cells that express high levels of major histocompatibility complex class II and low

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 ABIN6720228 | 09/10/2023 | Copyright antibodies-online. All rights reserved. levels of Cd11c. This cytokine also can induce NF-kB activation, and stimulate the production of
IL8. What's more, IL-25 is an important molecule controlling immunity of the gut and has been
implicated in chronic inflammation associated with the gastrointestinal tract.
Gene Name: IL25
Production: Natural and recombinant human IL-17E. There is no detectable cross-reactivity with
other relevant proteins.
Standard: Expression system for standard: E.coli, Immunogen sequence: Y33-G177

## Target Details

Target:	IL-25 (IL25)
Alternative Name:	IL-17E - IL-25 (IL25 Products)
Gene ID:	64806
NCBI Accession:	NP_073626
UniProt:	Q9H293

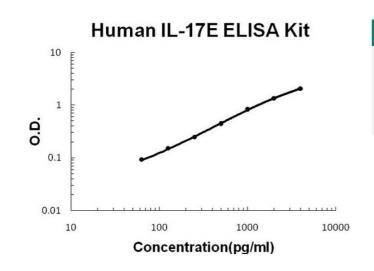
### Application Details

Storage: Storage Comment:	RT,4 °C,-20 °C Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
Handling	
Handling	
Restrictions:	For Research Use only
Plate:	Pre-coated
Sample Volume:	100 µL
	ELISA Dilution: 62.5pg/mL-4000pg/mL
	Blood Product Anticoagulant: Heparin Sodium
	duplicate.
	sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each human IL-17E standard solution and each sample is measured in
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	62.5pg/mL human IL-17E standard solutions into the precoated 96-well plate. Add 0.1 mL of
	0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL,
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot

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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-17E/IL-25 Accusignal ELISA Kit Human IL-17E/IL-25 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.