

Datasheet for ABIN6720228
IL-25 ELISA Kit[Go to Product page](#)

1 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:	<p>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/PRO10272</p> <p>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</p>

Product Details

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

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human IL-17E 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. We recommend that each human IL-17E standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
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.

