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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                         |

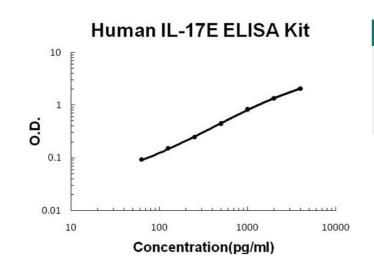
### Application Details

| Storage:<br>Storage Comment: | RT,4 °C,-20 °C<br>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.<br>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.