

Datasheet for KOA0468**Human IL-17E - IL-25 ELISA Kit****Overview**

Description:	Human IL-17E/IL-25 AccuSignal ELISA Kit - KOA0468
Item No.:	KOA0468
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	62.5 pg/ml - 4000 pg/ml

Product Details

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 levels of Cd11c. This cytokine also can induce NF- κ B 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.
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
Detection Kit Type:	ELISA Kit
Detection Range:	62.5 pg/ml - 4000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	IL25
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: Y33-G177

Purity/Specificity: Natural and recombinant human IL-17E. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - Q9H293](#)
- [NCBI - NP_073626.1](#)
- [GeneID - 64806](#)
- [KOA0468 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Other: DOE: @4°C 09/01/2026
@-20°C 03/01/2027

Formulation

Concentration: 1 Kit

Anticoagulant: Heparin Sodium

Shipping & Handling

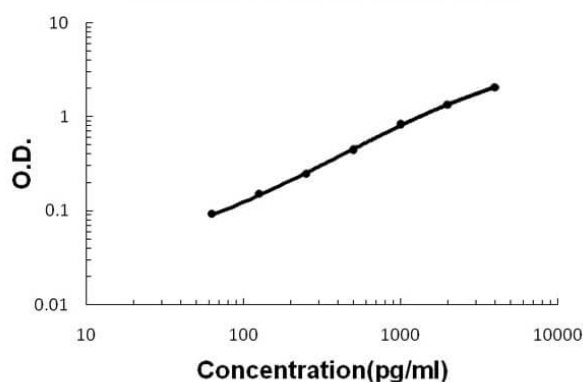
Shipping Condition: Wet Ice

Storage Condition: 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.

Expiration: See kit insert for complete instructions.

Images

Human IL-17E ELISA Kit



ELISA

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

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.