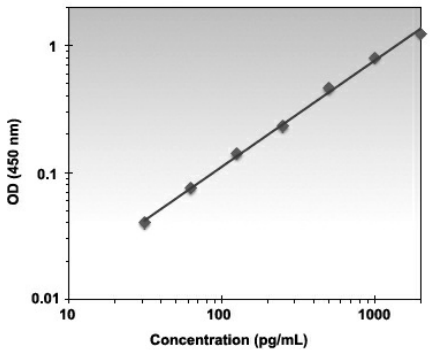
IL25 (Human) ELISA Kit

Catalog # KA2190 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	IL25 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL25.
Suitable Sample	Cell Lysate, Plasma, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.25 to 2000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Expiration Date	Kit expiration is 3 months from date of shipment
Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

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Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — IL25

Entrez GeneID	64806
Gene Name	IL25
Gene Alias	IL-17E, IL-25, IL17E
Gene Description	interleukin 25
Omim ID	605658
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that shares the sequence similarity with IL17. This cytokine can induce NF-kappaB activation, and stimulate the production of IL8. Both this cytokine and IL17B are ligands for the cytokine receptor IL17BR. Studies of the similar gene in mice sugg ested that this cytokine may be a proinflammatory cytokine favoring Th2-type immune response. T wo alternatively spliced transcript variants of this gene encoding distinct isoforms have been repo rted. [provided by RefSeq
Other Designations	interleukin 17E

Publication Reference

- Diagnostic Evaluation Using Salivary Gland Ultrasonography in Primary Sjögren's Syndrome.

  Yen-Fu Chen, Ao-Ho Hsieh, Yao-Fan Fang, Chang-Fu Kuo.

  Journal of Clinical Medicine 2023 Mar; 12(6):2428.

  Application: Quant, Human, Human serum

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- Tumour-derived PGD2 and NKp30-B7H6 engagement drives an immunosuppressive ILC2-MDSC axis.

  Sara Trabanelli, Mathieu F Chevalier, Amaia Martinez-Usatorre, Alejandra Gomez-Cadena, Berengere Salome, Mariangela Lecciso, Valentina Salvestrini, Gregory Verdeil, Julien Racle, Cristina Papayannidis, Hideaki Morita, Irene Pizzitola, Camille GrandClement, Perrine Bohner, Elena Bruni, Mukul Girotra, Rani Pallavi, Paolo Falvo, Elisabeth Oppliger Leibundgut, Gabriela M Baerlocher, Carmelo Carlo-Stella, Daniela Taurino, Armando Santoro, Orietta Spinelli, Alessandro Rambaldi, Emanuela Giarin, Giusep

  Nat Commun 2017 Sep; 8(1):593.

- Possible Role of IL-25 in Eosinophilic Lung Inflammation in Patients with Chronic Eosinophilic Pneumonia.

  Katoh S, Ikeda M, Matsumoto N, Shimizu H, Abe M, Ohue Y, Mouri K, Kobashi Y, Nakazato M, Oka M.

  Lung 2017 Sep; 195(6):707.

  Application: Quant, Human, Bronchoalveolar lavage fluid of patients with acute eosinophilic pneumonia, chronic eosinophilic pneumonia, idiopathic pulmonary fibrosis, or sarcoidosis

Pathway

- Cytokine-cytokine receptor interaction

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