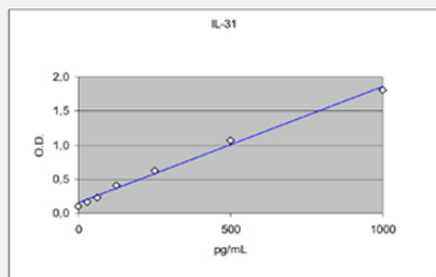


IL31 (Human) ELISA Kit

Catalog # KA3863

Size 1 Kit

Applications



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

Specification

Product Description	IL31 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human IL31.
Suitable Sample	Biological Fluids, Cell Culture Supernatant, Plasma, Serum
Sample Volume	100 μ L
Label	Biotin-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	2.5%
Inter-Assay	5.2%
Spiking Recovery	98%
Calibration Range	1000 pg/ml-31.25 pg/ml
Limit of Detection	<18 pg/ml
Reactivity	Human

Regulation Status	For research use only (RUO)
Quality Control Testing	Standard Curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — IL31

Entrez GeneID	386653
Gene Name	IL31
Gene Alias	IL-31
Gene Description	interleukin 31
Omim ID	609509
Gene Ontology	Hyperlink
Gene Summary	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM]
Other Designations	-

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

Disease

- [Eczema](#)