

## ARG83539

## arigoQIK™ Human IL31 ELISA Development Kit

Package: 1 kit(5 plates), 1 kit  
(15 plates)  
Store at: 4°C, -20°C

## Summary

## Product Description

ARG83539 arigoQIK™ Human IL31 ELISA Development Kit, includes Capture antibody, Detection antibody, Standard, and HRP-Streptavidin Solution.  
This ELISA Development Kit is designed for the development of sandwich ELISA to measure Human IL31 in serum, plasma and cell culture supernatants.

For other reagents required for [arigoQIK™ ELISA Development Kit](#), please refer [ARG83524 Integral Reagent Kit \(ELISA Development Kit\)](#)

[More about arigoQIK™:](#)

- Optimized capture and detection antibody pairs
- Reduced incubation time and wash cycles
- 2-hour quicker than conventional ELISA process
- 5- and 15-plate packages available

## Tested Reactivity

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## Tested Application

ELISA

## Target Name

IL31

## Conjugation

HRP

## Conjugation Note

Substrate: TMB and read at 450 nm.

## Sensitivity

3.91 pg/ml

## Sample Type

Serum, plasma and cell culture supernatants.

## Standard Range

7.81 - 500pg/ml

## Sample Volume

50 µl

## Alternate Names

IL31; Interleukin 31; IL-31; Interleukin-31

## Properties

## Storage instruction

Store components at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

## Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

## Gene Symbol

IL31

## Gene Full Name

Interleukin 31

## Background

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, Mar 2008]

## Function

Induces RETNLA and serum amyloid A protein expression in macrophages. [UniProt]

Highlight	Related news: <a href="#">arigoQIK, DIY your sandwich ELISA kits;</a>
PTM	Glycoprotein. [UniProt]
Cellular Localization	Secreted. [UniProt]