

ARG80153 Human IL31 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80153-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80153-002	Standard (Lyophilized)	3 X 10 ng/vial	4°C
ARG80153-003	Standard diluent buffer	20 ml	4°C
ARG80153-004	Antibody conjugate concentrate	400 µl	4°C
ARG80153-005	Antibody diluent buffer	16 ml	4°C
ARG80153-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80153-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80153-008	20X Wash buffer	50 ml	4°C
ARG80153-009	TMB substrate	12ml	4°C (Protect from light)
ARG80153-010	STOP solution	12ml	4°C
ARG80153-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80153 Human IL31 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL31 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Mouse IL-31
Target Name	IL31
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.08 ng/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	0.156 - 10 ng/ml
Sample Volume	100 µl

Precision	CV: less than 10%
Alternate Names	IL-31; Interleukin-31

Application Instructions

Assay Time	4 hours
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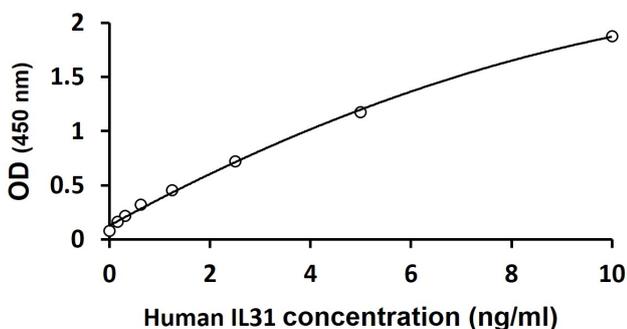
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. 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

Database links	GeneID: 386653 Human Swiss-port # Q6EBC2 Human
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]
Highlight	Related products: IL31 antibodies ; IL31 ELISA Kits ; IL31 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Immune System kit

Images



ARG80153 Human IL31 ELISA Kit standard curve image

ARG80153 Human IL31 ELISA Kit results of a typical standard run with optical density reading at 450 nm.