

ARG80149 Human IL13 (High sensitive) ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80149-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80149-002	Standard (Lyophilized)	2 X 1 ng/vial	4°C
ARG80149-003	Standard diluent buffer	20 ml	4°C
ARG80149-004	Antibody conjugate concentrate	400 µl	4°C
ARG80149-005	Antibody diluent buffer	16 ml	4°C
ARG80149-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80149-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80149-008	20X Wash buffer	50 ml	4°C
ARG80149-009	TMB substrate	12ml	4°C (Protect from light)
ARG80149-010	STOP solution	12ml	4°C
ARG80149-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80149 Human IL13 (High sensitive) ELISA Kit is a high sensitive Enzyme Immunoassay kit for the quantification of Human IL13 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human IL-4, IL-13 or mouse IL-4 sR
Target Name	IL13
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	1.95 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	3.9 - 250 pg/ml
Sample Volume	100 µl

Precision	CV: less than10%
Alternate Names	Interleukin-13; P600; IL-13

Application Instructions

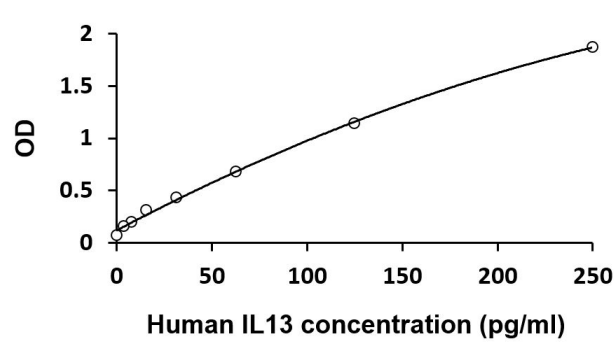
Assay Time	4 hours
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Properties

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: 3596 Human Swiss-port # P35225 Human
Gene Symbol	IL13
Gene Full Name	interleukin 13
Background	<p>This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq]</p>
Highlight	<p>Related products: IL13 antibodies; IL13 ELISA Kits; IL13 recombinant proteins; New ELISA data calculation tool: Simplify the ELISA analysis by GainData</p>
Research Area	Immune System kit



ARG80149 Human IL13 (High sensitive) ELISA Kit standard curve image

ARG80149 Human IL13 (High sensitive) ELISA Kit results of a typical standard run with optical density reading at 450 nm.