

ARG80105 Human IL3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80105-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80105-002	Standard (Lyophilized)	2 X 1 ng/vial	4°C
ARG80105-003	Standard diluent buffer	20 ml	4°C
ARG80105-004	Antibody conjugate concentrate	400 µl	4°C
ARG80105-005	Antibody diluent buffer	16 ml	4°C
ARG80105-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80105-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80105-008	20X Wash buffer	50 ml	4°C
ARG80105-009	TMB substrate	12ml	4°C (Protect from light)
ARG80105-010	STOP solution	12ml	4°C
ARG80105-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80105 Human IL3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL3 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human GM-CSF, IL-3 R alpha, IL-5 mouse IL-3, IL-3 R alpha/Fc Chimera, IL-3 R beta/Fc Chimera
Target Name	IL3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	15 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	31.25 - 2000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	MCGF; Mast cell growth factor; P-cell-stimulating factor; Hematopoietic growth factor; IL-3; Interleukin-3; Multipotential colony-stimulating factor; MULTI-CSF

Application Instructions

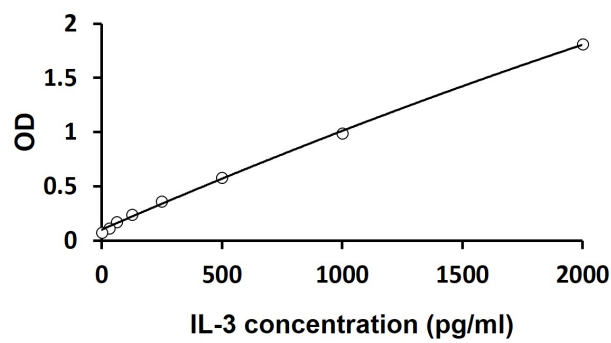
Assay Time	4 hours
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Properties

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

Gene Symbol	IL3
Gene Full Name	interleukin 3
Background	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq, Jul 2008]
Function	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes. [UniProt]
Highlight	Related products: IL3 antibodies ; IL3 ELISA Kits ; IL3 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Immune System kit



ARG80105 Human IL3 ELISA Kit standard curve image

ARG80105 Human IL3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.