

ARG80172 Human IL12 / IL23 P40 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80172-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80172-002	Standard (Lyophilized)	3 X 1 ng/vial	4°C
ARG80172-003	Standard diluent buffer	20 ml	4°C
ARG80172-004	Antibody conjugate concentrate	400 µl	4°C
ARG80172-005	Antibody diluent buffer	16 ml	4°C
ARG80172-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80172-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80172-008	20X Wash buffer	50 ml	4°C
ARG80172-009	TMB substrate	12ml	4°C (Protect from light)
ARG80172-010	STOP solution	12ml	4°C
ARG80172-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80172 Human IL12 / IL23 P40 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL12 / IL23 P40 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Mouse IL-12, IL-12/IL-23 p40
Target Name	IL12 / IL23 p40
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	8 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	CV: less than 10%
Alternate Names	CLMF; Interleukin-12 subunit beta; NK cell stimulatory factor chain 2; NKSF; CLMF p40; NKSF2; Cytotoxic lymphocyte maturation factor 40 kDa subunit; CLMF2; IL-12 subunit p40; IMD29; IMD28; IL-12B

Application Instructions

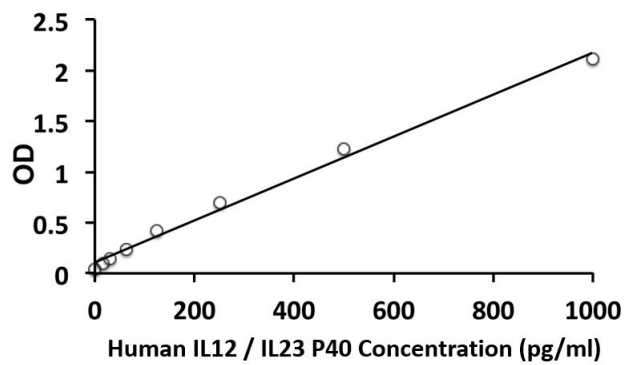
Assay Time	4 hours
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Properties

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: 3593 Human Swiss-port # P29460 Human
Gene Symbol	IL12B
Gene Full Name	interleukin 12B
Background	The IL12 p40 chain can form a novel cytokine (IL23) when it joins a p19 chain. IL12 and IL23 show overlapping (and some distinct) biological characteristics. Overexpression of IL12 p40 may be involved in a variety of immunopathologies, including Crohn's disease.
Highlight	Related products: IL12 / IL23 p40 antibodies ; IL12 / IL23 p40 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Immune System kit
PTM	Known to be C-mannosylated in the recombinant protein; it is not yet known for sure if the wild-type protein is also modified.



ARG80172 Human IL12 / IL23 P40 ELISA Kit standard curve image

ARG80172 Human IL12 / IL23 P40 ELISA Kit results of a typical standard run with optical density reading at 450 nm.