

ARG80214 Mouse IL27 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80214-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80214-002	Standard (Lyophilized)	2 X 2 ng/vial	4°C
ARG80214-003	Standard diluent buffer	20 ml	4°C
ARG80214-004	Antibody conjugate concentrate	400 µl	4°C
ARG80214-005	Antibody diluent buffer	16 ml	4°C
ARG80214-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80214-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80214-008	20X Wash buffer	50 ml	4°C
ARG80214-009	TMB substrate	12ml	4°C (Protect from light)
ARG80214-010	STOP solution	12ml	4°C
ARG80214-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80214 Mouse IL27 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL27 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Mouse IL-6, IL-6 R IL-12 p70, IL-12 p35, IL-12 p40, IL-23, IL-23 p19, TCCR/Fc Chimera@human IL-12/IL-23 p40
Target Name	IL27
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	30 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	62.5 - 4000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	IL27; Interleukin 27; IL27A; P28; IL27p28; IL-27A; IL-27; IL30; Interleukin-27 Subunit Alpha; IL-27 Subunit Alpha; Interleukin-30; MGC71873; IL-27-A; IL27-A; IL-27 P28 Subunit; Interleukin 30

Application Instructions

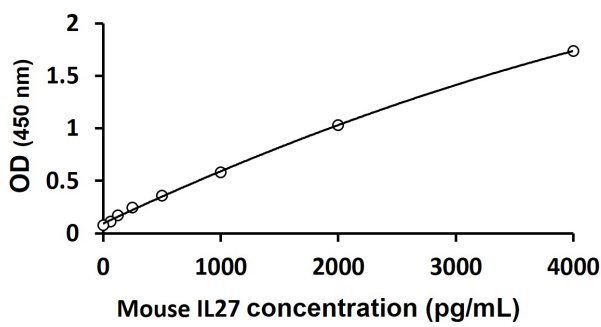
Assay Time	4 hours
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Properties

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: 246779 Mouse Swiss-port # Q8K3I6 Mouse
Gene Symbol	IL27
Gene Full Name	interleukin 27
Background	The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR). [provided by RefSeq]
Highlight	<p>Related products:</p> <p>IL27 antibodies; IL27 ELISA Kits; IL27 recombinant proteins;</p> <p>New ELISA data calculation tool:</p> <p>Simplify the ELISA analysis by GainData</p>
Research Area	Cancer kit; Immune System kit
PTM	O-glycosylated.



ARG80214 Mouse IL27 ELISA Kit standard curve image

ARG80214 Mouse IL27 ELISA Kit results of a typical standard run with optical density reading at 450 nm.