

ARG80946
Mouse IL18 ELISA KitPackage: 96 wells
Store at: 4°C

Summary

Product Description	ARG80946 Mouse IL18 ELISA Kit is a Enzyme Immunoassay kit for the quantification of Mouse IL18 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	IL18
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	8 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Alternate Names	Ibctadekin; Interferon gamma-inducing factor; Interleukin-18; IL-18; IFN-gamma-inducing factor; IL-1 gamma; IGIF; IL-1g; Interleukin-1 gamma; IL1F4

Application Instructions

Assay Time	~200 min
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Properties

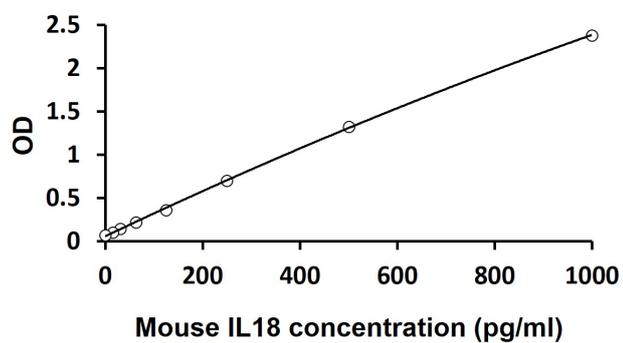
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 16173 Mouse Swiss-port # P70380 Mouse
Gene Symbol	IL18
Gene Full Name	interleukin 18
Background	The protein encoded by this gene is a proinflammatory cytokine that augments natural killer cell activity in spleen cells, and stimulates interferon gamma production in T-helper type I cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2011]

Function	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells. [UniProt]
Highlight	Related products: Mouse IL18 ELISA Kits; Related news: Activation of IL-1 beta and IL-18 by Canonical Inflammasome Pathway New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Immune System kit; Metabolism kit
PTM	The pro-IL-18 precursor is processed by CASP1 or CASP4 to yield the active form.

Images



ARG80946 Mouse IL18 ELISA Kit standard curve image

ARG80946 Mouse IL18 ELISA Kit results of a typical standard run with optical density reading at 450 nm.