

ARG82621 Porcine IL18 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82621 Porcine IL18 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Porcine IL18 in serum, plasma and cell culture supernatants.
Tested Reactivity	Pig
Tested Application	ELISA
Specificity	The following recombinant Porcine proteins were tested and exhibited no cross-reactivity or interference: BMP1, BMP2, BMP4, HGF, IL1 beta, IL2, IL4, IL5, IL6, IL8, IL10, IL13, IL15, IFN gamma, MMP2, TGF beta 1, TGF beta 2, TGF beta 3, TLR1, TLR2, TLR3, TNF alpha, VEGF.
Target Name	IL18
Conjugation	HRP
Conjugation Note	Read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5% Inter-Assay CV: 9%
Alternate Names	Ibctadecin; 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	~ 3 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.

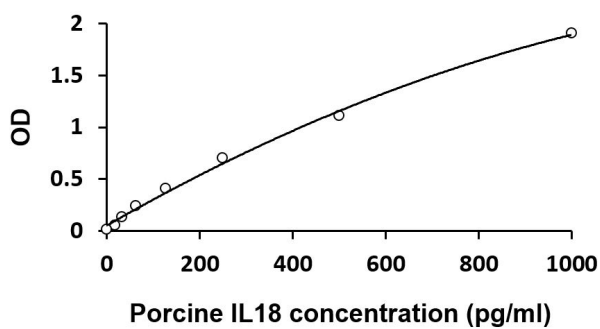
Bioinformation

Gene Symbol	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: IL18 antibodies ; IL18 ELISA Kits ; IL18 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	The pro-IL-18 precursor is processed by CASP1 or CASP4 to yield the active form. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG82621 Porcine IL18 ELISA Kit standard curve image

ARG82621 Porcine IL18 ELISA Kit results of a typical standard run with optical density reading at 450 nm.