

ARG81286 Porcine IL10 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81286 Porcine IL10 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Porcine IL10 in serum, plasma or cell culture supernatants.
Tested Reactivity	Pig
Tested Application	ELISA
Target Name	IL10
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Alternate Names	IL10A; GVHDS; TGIF; IL-10; Cytokine synthesis inhibitory factor; CSIF; Interleukin-10

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.

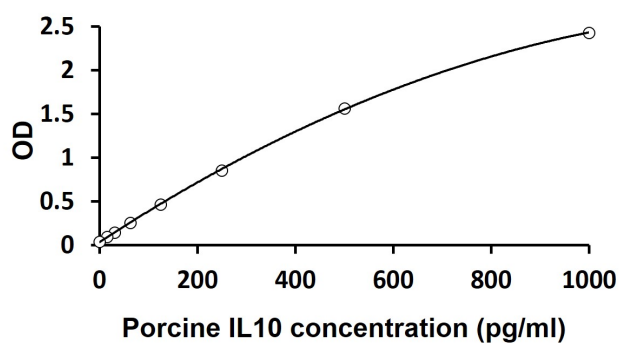
Bioinformation

Gene Symbol	IL10
Gene Full Name	interleukin 10
Background	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.[provided by RefSeq, May 2011]

Function Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells. [UniProt]

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Images



ARG81286 Porcine IL10 ELISA Kit standard curve image

ARG81286 Porcine IL10 ELISA Kit results of a typical standard run with optical density reading at 450 nm.