ARG81367
Human IL9 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81367 Human IL9 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL9 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IL9
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	less than 0.343 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.78 - 50 pg/ml
Sample Volume	100 µl
Alternate Names	IL-9; HP40; Interleukin-9; T-cell growth factor P40; Cytokine P40; P40

Application Instructions

Assay Time	~ 4 hours

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.

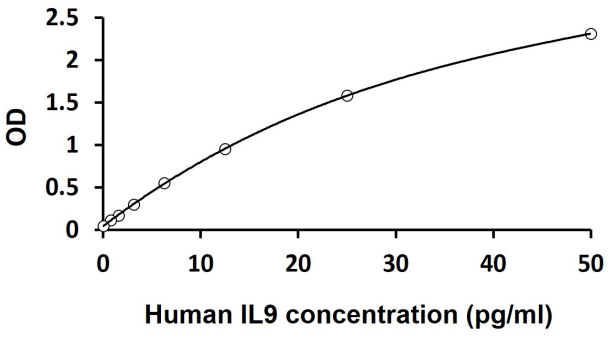
Bioinformation

Gene Symbol	IL9
Gene Full Name	interleukin 9
Background	The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq, Jul 2008]
Function	Supports IL-2 independent and IL-4 independent growth of helper T-cells. [UniProt]

Highlight

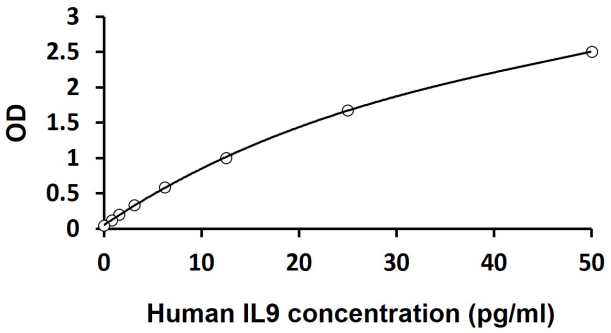
Related products:
IL9 antibodies; IL9 ELISA Kits; IL9 recombinant proteins;
New ELISA data calculation tool:
Simplify the ELISA analysis by GainData

Images



ARG81367 Human IL9 ELISA Kit standard curve image

ARG81367 Human IL9 ELISA Kit results of a typical standard run with optical density reading at 450 nm. (using Calibrator Diluent I)



ARG81367 Human IL9 ELISA Kit standard curve image

ARG81367 Human IL9 ELISA Kit results of a typical standard run with optical density reading at 450 nm. (using Calibrator Diluent II)