

ARG81260 Human IL33R / ST2 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81260 Human IL33R / ST2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL33R / ST2 in serum, plasma or cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IL33R / ST2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	IL33R; DER4; ST2V; T1; Interleukin-1 receptor-like 1; FIT-1; ST2; ST2L; Protein ST2

Application Instructions

Assay Time	~ 3.5 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	IL1RL1
Gene Full Name	interleukin 1 receptor-like 1
Background	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]
Function	Receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed

by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function. [UniProt]

Highlight

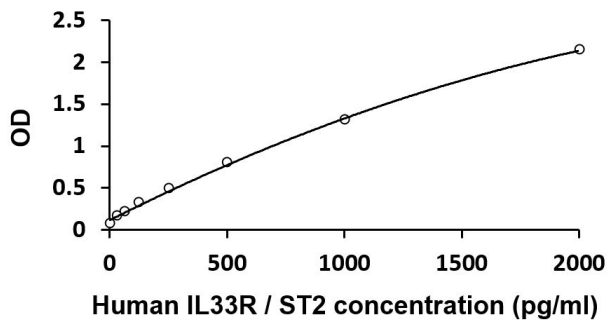
Related products:

[IL33R antibodies](#); [IL33R ELISA Kits](#);

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Images



ARG81260 Human IL33R / ST2 ELISA Kit standard curve image

ARG81260 Human IL33R / ST2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
