

Human IL1RL1 ELISA Kit | IL1RL1 elisa kit

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CATALOG #
AAA258326

REACTIVITY
Human

PRODUCT SYNONYMS

IL1RL1; Human IL1RL1 ELISA Kit; ST2/IL-1 RL1 ELISA Kit; Human; interleukin 1 receptor-like 1; DER4 ELISA Kit; FIT-1 ELISA Kit; IL1RL1 ELISA Kit; IL33R ELISA Kit; IL?1 R4 ELISA Kit; ST2 ELISA Kit; ST2L ELISA Kit; ST2V ELISA Kit; T1 ELISA Kit; IL1RL1 elisa kit

PRODUCT SPECIFICATIONS

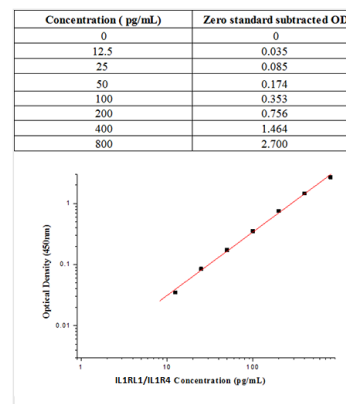
Reactivity	Human
Specificity	For the quantitative determination of Human IL1RL1 concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	12.5-800pg/mL
Sensitivity	6.22pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES

Recombinant human			
IL1	IL2	IL4	IL6
IL8	IL10	IL33	IL1Ra
IL1R1	IL1R2	IL1R3	IL1R7
IL1R8	IL1R9	TNF- α	MIP-1 β
SCF	PDGF	TIMP1	TIMP2
GM-CSF	IFN- γ	VEGF	
Recombinant mouse			
IL1R1	IL1R2		

Application Data

This assay recognizes both recombinant and natural Human IL1R4. The factors listed above were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for IL1RL1 elisa kit	This ST2/IL-1 RL1 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human ST2/IL-1 RL1 protein in Serum. It contains recombinant Human ST2/IL-1 RL1, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: IL-1 receptor-like 1 (IL1RL1) is a membrane receptor involved in TH2 inflammatory responses and eosinophilia. It has previously been described that levels of the interleukin-1 like 1 (IL1RL1) protein can be used to identify cardiovascular disease and determine the prognosis for a patient with cardiovascular disease. The ligand for IL1RL1 has been described and named IL-33. Mutants in IL1RL1 have been associated with blood eosinophil counts in a genome-wide association study and with asthma in family-based and case-control studies. As an important mediator involved in many immune and inflammatory responses, this cytokine has been implicated as a regulator of both the development and effector phases of type 2 helper T cell responses, and as a negative feedback modulator of macrophage proinflammatory function. IL33 is a specific ligand of ST2L and induces the production of Th2 cytokines.
References	Savenije OE, et al. (2011) Interleukin-1 receptor-like 1 polymorphisms are associated with serum IL1RL1-a, eosinophils, and asthma in childhood. J Allergy Clin Immunol. 127(3): 750-6. Li H, et al. (2000) The cloning and nucleotide sequence of human ST2L cDNA. Genomics. 67(3): 284-90.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/il1rl1/258326>