

ARG82665 Monkey IL1RA ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82665 Monkey IL1RA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Monkey IL1RA in serum, plasma and cell culture supernatants.
Tested Reactivity	Mk
Tested Application	ELISA
Target Name	IL1RA
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	23.5 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	46.9 - 3000 pg/ml
Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	IL1 inhibitor; Interleukin-1 receptor antagonist protein; ICIL-1RA; MVCD4; IL1RA; DIRA; IL-1RN; Anakinra; IL1F3; IRAP; IL-1ra; IL-1ra3

Application Instructions

Assay Time	~ 3.5 hours
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Properties

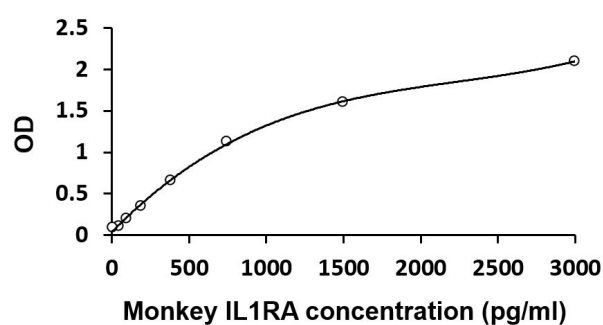
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IL1RN
Gene Full Name	interleukin 1 receptor antagonist
Background	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jan 2016]

Function	Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity. Binds functional interleukin-1 receptor IL1R1 with greater affinity than decoy receptor IL1R2; however, the physiological relevance of the latter association is unsure. [UniProt]
Highlight	Related products: IL1RA antibodies ; IL1RA ELISA Kits ; IL1RA recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Isoform 1: Secreted. Isoform 2: Cytoplasm. Isoform 3: Cytoplasm. Isoform 4: Cytoplasm. [UniProt]

Images



ARG82665 Monkey IL1RA ELISA Kit standard curve image

ARG82665 Monkey IL1RA ELISA Kit results of a typical standard run with optical density reading at 450 nm.