

ARG82272 Monkey IL13 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82272 Monkey IL13 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Monkey IL13 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu, Mk
Tested Application	ELISA
Specificity	React with Human, Rhesus monkey, Cynomolgus monkey and Marmoset IL13.
Target Name	IL13
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Interleukin-13; P600; IL-13

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	IL13
Gene Full Name	interleukin 13
Background	This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates

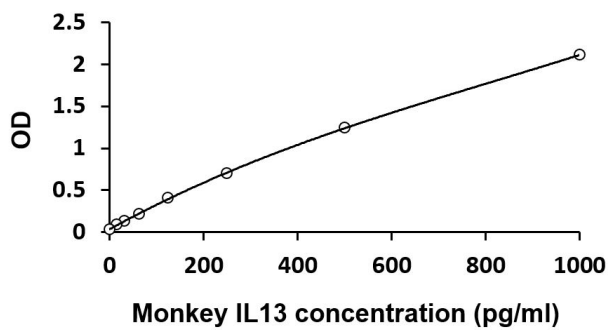
through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq, Jul 2008]

Function Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses. [UniProt]

Highlight Related products:
[IL13 antibodies](#); [IL13 ELISA Kits](#); [IL13 recombinant proteins](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Secreted. [UniProt]

Images



ARG82272 Monkey IL13 ELISA Kit standard curve image

ARG82272 Monkey IL13 ELISA Kit results of a typical standard run with optical density reading at 450 nm.