

ARG82674 Monkey IL5 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82674 Monkey IL5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Monkey IL5 in serum, plasma and cell culture supernatants.
Tested Reactivity	Mk
Tested Application	ELISA
Target Name	IL5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	2 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	3.9 - 250 pg/ml
Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	Eosinophil differentiation factor; EDF; IL-5; TRF; T-cell replacing factor; B-cell differentiation factor I; Interleukin-5

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.

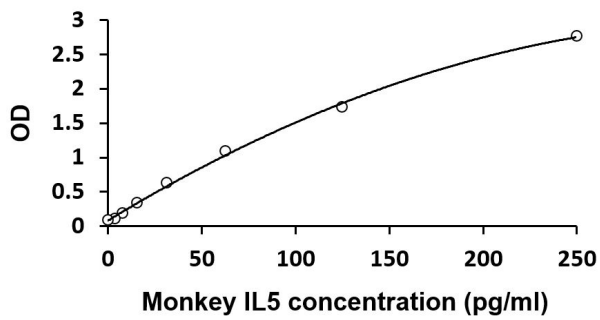
Bioinformation

Gene Symbol	IL5
Gene Full Name	interleukin 5
Background	This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encoded cytokine plays a major role in the regulation of eosinophil formation, maturation, recruitment and survival. The increased production of this cytokine may be related to pathogenesis of eosinophil-dependent inflammatory diseases. This cytokine functions by binding to its receptor, which is a heterodimer, whose beta subunit is shared with the receptors for interleukine 3 (IL3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene is located on chromosome 5 within a cytokine gene cluster which includes interleukin 4 (IL4), interleukin 13 (IL13), and CSF2. This gene, IL4,

and IL13 may be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31. [provided by RefSeq, Jul 2013]

Function	Factor that induces terminal differentiation of late-developing B-cells to immunoglobulin secreting cells. [UniProt]
Highlight	Related products: IL5 antibodies ; IL5 ELISA Kits ; IL5 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82674 Monkey IL5 ELISA Kit standard curve image

ARG82674 Monkey IL5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
