

## ARG81328 Human IL34 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81328 Human IL34 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL34 in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Recognizes both natural and recombinant Human IL34. No cross reactivity observed with CD31, IL-10, IP-10, IL-31, IL-1a, IL-1b, GM-CSF, M-CSF, IL-29, MCP-1 and murine IL-34.
Target Name	IL34
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	39 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	156.25 - 5000 pg/ml
Sample Volume	50 µl
Alternate Names	IL-34; Interleukin-34; C16orf77

### Application Instructions

Assay Time ~ 4 hours

### 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	IL34
Gene Full Name	interleukin 34
Background	Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]).[supplied by OMIM, May 2008]
Function	Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast

proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. [UniProt]

#### Highlight

Related products:

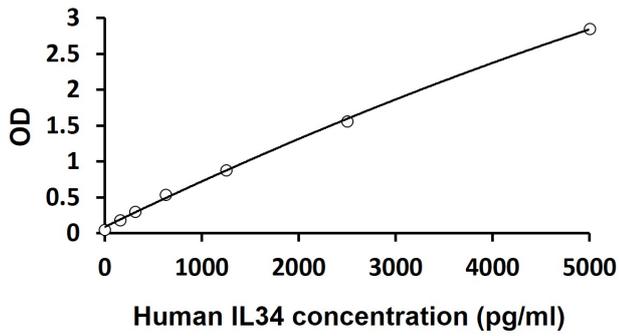
[IL34 ELISA Kits](#); [IL34 recombinant proteins](#);

New ELISA data calculation tool:

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#### Images

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ARG81328 Human IL34 ELISA Kit standard curve image

ARG81328 Human IL34 ELISA Kit results of a typical standard run with optical density reading at 450 nm.