

## ARG81179 Human IL24 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81179 Human IL24 ELISA Kit is an Enzyme Immunoassay Kit for the quantification of Human IL24 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IL24
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	80 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	156.25 - 10000 pg/ml
Sample Volume	100 µl
Alternate Names	IL10B; Interleukin-24; Melanoma differentiation-associated gene 7 protein; MDA7; MDA-7; C49A; ST16; FISP; Suppression of tumorigenicity 16 protein; IL-24; MOB5

### 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

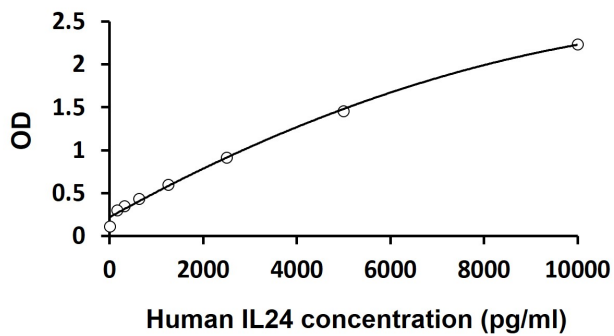
Database links	<a href="#">GeneID: 11009 Human</a> <a href="#">Swiss-port # Q13007 Human</a>
Gene Symbol	IL24
Gene Full Name	interleukin 24
Background	This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to

be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Function	Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation. [UniProt]
Highlight	Related products: <a href="#">IL24 antibodies</a> ; <a href="#">IL24 ELISA Kits</a> ; <a href="#">IL24 recombinant proteins</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
PTM	Ubiquitination at Lys-122 promotes proteasomal degradation.

## Images

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ARG81179 Human IL24 ELISA Kit standard curve image

ARG81179 Human IL24 ELISA Kit results of a typical standard run with optical density reading at 450 nm.