ARG82049
Human IL32 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	Human IL32 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL32 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IL32
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	4 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	7.8 - 500 pg/ml
Sample Volume	100 µl
Alternate Names	IL-32gamma; IL-32beta; IL-32delta; Interleukin-32; TAIFa; TAIFc; TAIFb; NK4; TAIFd; IL-32; TAIF; Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor; IL-32alpha

Application Instructions

Assay Time	4.5 hours

Properties

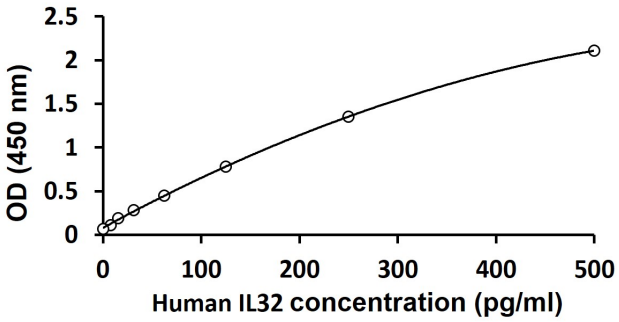
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	IL32
Gene Full Name	interleukin 32
Background	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Function	Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF-alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38

	MAPK. [UniProt]
Highlight	Related products: IL32 antibodies; IL32 ELISA Kits; IL32 recombinant proteins; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82049 Human IL32 ELISA Kit standard curve image

ARG82049 Human IL32 ELISA Kit results of a typical standard run with optical density reading at 450 nm.