

ARG83810 Human IL15 ELISA Kit

Package: 96 wells
Store at: 4°C, -20°C

Summary

Product Description	ARG83810 Human IL15 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL15 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IL15
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	15.63 – 1000 pg/ml
Sample Volume	50 µl
Alternate Names	IL-15; Interleukin-15

Application Instructions

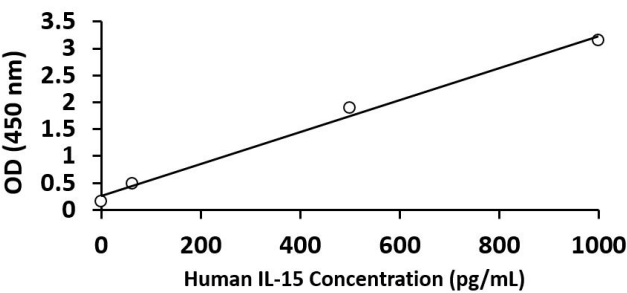
Assay Time	4 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°C, -20°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	IL15
Gene Full Name	interleukin 15
Background	IL-15 is a member of the four alpha-helical bundle family of cytokines with a molecular weight of 14-15 kDa. Its in vitro activity is very similar to IL-2, except that IL-15 utilizes the IL-15 receptor alpha subunit for binding. IL-15 plays an important role in the growth and differentiation of T and B lymphocytes, natural killer cells, macrophages, and monocytes. It also activates a number of important intracellular signaling molecules. This implies that IL-15 could be essential for the immune responses, allograft rejection, and the pathogenesis of autoimmune diseases.
Function	Cytokine that stimulates the proliferation of T-lymphocytes. Stimulation by IL-15 requires interaction of IL-15 with components of IL-2R, including IL-2R beta and probably IL-2R gamma but not IL-2R alpha. [UniProt]



ARG83810 Human IL-15 ELISA Kit standard curve image

ARG83810 Human IL-15 ELISA Kit results of a typical standard run with optical density reading at 450 nm.