

ARG83631 Mouse IL22 ELISA Kit

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

Summary

Product Description	ARG83631 Mouse IL22 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL22 in serum, plasma and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	IL22
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.90625 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	7.8125 - 500 pg/ml
Sample Volume	50 µl
Alternate Names	IL22; Interleukin 22; IL-TIF; ILTIF; IL-22; TIFIL-23; Zcyto18; IL-D110; IL-21; TIFa; IL-10-Related T-Cell-Derived Inducible Factor; Cytokine Zcyto18; Interleukin-22; MGC79382; MGC79384; IL-10-Related T-Cell-Derived-Inducible Factor; ZCYTO18

Application Instructions

Assay Time 4 hours

Properties

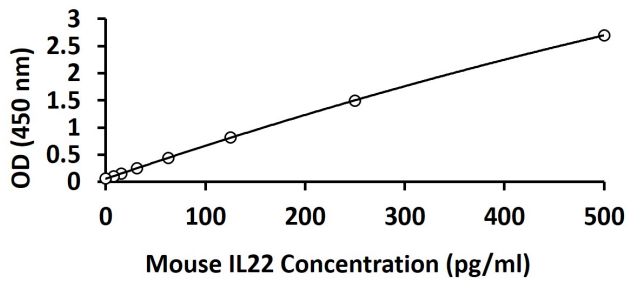
Form	96 well
Storage instruction	Store the kit at 4°C, -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IL22
Gene Full Name	Interleukin 22
Background	This gene is a member of the IL10 family of cytokines that mediate cellular inflammatory responses. The encoded protein functions in antimicrobial defense at mucosal surfaces and in tissue repair. This protein also has pro-inflammatory properties and plays a role in the pathogenesis of several intestinal diseases. The encoded protein is a crucial cytokine that regulates host immunity in infectious diseases, including COVID-19 (disease caused by SARS-CoV-2). [provided by RefSeq, Dec 2021]
Function	Promotes phosphorylation of GSK3B at 'Ser-9' and CTTN. Promotes epithelial cell spreading. [UniProt]

PTM Disulfide bond, Glycoprotein. [UniProt]
Cellular Localization Secreted. [UniProt]

Images



ARG83631 Mouse IL22 ELISA Kit standard curve image

ARG83631 Mouse IL22 ELISA Kit results of a typical standard run with optical density reading at 450 nm.