

ARG82499 Human TINAGL1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82499-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82499-002	Standard	2 X 10 ng/vial	4°C
ARG82499-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82499-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82499-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82499-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82499-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82499-008	25X Wash buffer	20 ml	4°C
ARG82499-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82499-010	STOP solution	10 ml (Ready to use)	4°C
ARG82499-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82499 Human TINAGL1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TINAGL1 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	TINAGL1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.8% Inter-Assay CV: 6.4%

Alternate Names	LCN7; TIN-Ag-RP; Glucocorticoid-inducible protein 5; OLRG-2; ARG1; TIN Ag-related protein; LIECG3; TINAGRP; Tubulointerstitial nephritis antigen-like; Oxidized LDL-responsive gene 2 protein; Tubulointerstitial nephritis antigen-related protein
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Application Instructions

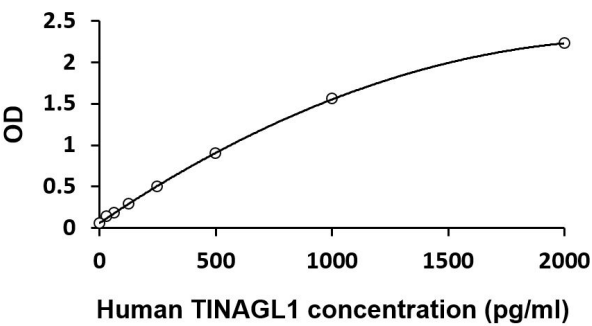
Assay Time	~ 5 hours
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Properties

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

Gene Symbol	TINAGL1
Gene Full Name	tubulointerstitial nephritis antigen-like 1
Background	The protein encoded by this gene is similar in sequence to tubulointerstitial nephritis antigen, a secreted glycoprotein that is recognized by antibodies in some types of immune-related tubulointerstitial nephritis. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]
Function	May be implicated in the adrenocortical zonation and in mechanisms for repressing the CYP11B1 gene expression in adrenocortical cells. This is a non catalytic peptidase C1 family protein (By similarity). [UniProt]
Highlight	Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Glycosylated. [UniProt]
Cellular Localization	Secreted. [UniProt]



ARG82499 Human TINAGL1 ELISA Kit standard curve image

ARG82499 Human TINAGL1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.