

Human TINAGL1 ELISA Kit | TINAGL1 elisa kit

Human TINAGL1 PicoKine ELISA Kit

CATALOG #
AAA125179

REACTIVITY
Human

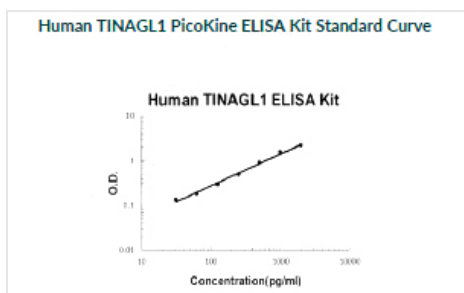
PRODUCT SYNONYMS

TINAGL1; Human TINAGL1 PicoKine ELISA Kit; Tubulointerstitial nephritis antigen-like; tubulointerstitial nephritis antigen like 1; Human TINAGL1; TINAGL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human TINAGL1
Sequence Length	467
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TINAGL1 elisa kit	Principle of the Assay: The Picokine™ Human TINAGL1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human TINAGL1 with a 96-well strip plate that is pre-coated with antibody specific for TINAGL1. The detection antibody is a biotinylated antibody specific for TINAGL1. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human TINAGL1 with immunogen: Expression system for standard: NSO, Immunogen sequence: A22-H467. The kit is analytically validated with ready to use reagents. To measure Human TINAGL1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human TINAGL1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human TINAGL1 in the sample.!!Background/Introduction: Tubulointerstitial nephritis antigen-like is a protein that in humans is encoded by the TINAGL1 gene. It is mapped to 1p35.2. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61213628
NCBI GeneID	64129
UniProt Accession #	Q9GZM7
NCBI Official Full Name	Tubulointerstitial nephritis antigen-like
NCBI Official Synonym Full Names	tubulointerstitial nephritis antigen like 1
NCBI Official Symbol	TINAGL1
NCBI Official Synonym Symbols	ARG1; LCN7; LIECG3; TINAGRP
NCBI Protein Information	tubulointerstitial nephritis antigen-like
UniProt Protein Name	Tubulointerstitial nephritis antigen-like
UniProt Gene Name	TINAGL1
UniProt Synonym Gene Names	GIS5; LCN7; OLRG2; TINAGL; OLRG-2; TIN Ag-related protein; TIN-Ag-RP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/tinagl1/125179>