

Mouse Tubulointerstitial Nephritis Antigen-Like (TINAGL1) ELISA Kit | TINAGL1 elisa kit

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CATALOG #
AAA332237

REACTIVITY
Mouse

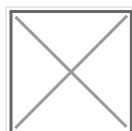
PRODUCT SYNONYMS

Tubulointerstitial Nephritis Antigen-Like (TINAGL1); Mouse Tubulointerstitial Nephritis Antigen-Like (TINAGL1) ELISA Kit; TINAGL1; ARG1; LCN7; LIECG3; TINAGRP; P3ECSL; TINAG-like 1; androgen-regulated gene 1; glucocorticoid-inducible protein; lipocalin 7; oxidized-LDL responsive gene 2; tubulointerstitial nephritis antigen-related pr; TINAGL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tubulointerstitial nephritis antigen-like (TINAGL1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TINAGL1. No significant cross-reactivity or interference between Mouse TINAGL1 and analogues was observed.
Sequence Length	466
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tubulointerstitial nephritis antigen-like (TINAGL1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TINAGL1 elisa kit	Description: This Mouse Tubulointerstitial nephritis antigen-like (TINAGL1) ELISA Kit employs a two-site sandwich ELISA to quantitate TINAGL1 in samples. An antibody specific for TINAGL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TINAGL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TINAGL1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TINAGL1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tubulointerstitial nephritis antigen-like 1 has been cloned from mouse adrenocortical cells and is known to be closely associated with zonal differentiation of adrenocortical cells. In cell culture systems, TINAGL1 is a matricellular protein that interacts with both structural matrix proteins and cell surface receptors. However, the physiological roles of TINAGL1 and regulation of its expression are still not clearly understood. In the present study, the expression and localization of TINAGL1 in peri-implantation mouse embryos was examined. During preimplantation, the expression of both Tinagl1 mRNA and TINAGL1 protein was increased just prior to implantation. In blastocysts, TINAGL1 expression was localized to the trophectoderm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	270132824
NCBI GeneID	94242
NCBI Accession #	NP_001161805.1
NCBI GenBank Nucleotide #	NP_001161805.1
UniProt Accession #	Q99JR5
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	AZ1; AZ-1; Arg1; Lcn7; TARP; Tinagl; 1110021J17Rik
NCBI Protein Information	tubulointerstitial nephritis antigen-like
UniProt Protein Name	Tubulointerstitial nephritis antigen-like
UniProt Gene Name	Tinagl1
UniProt Synonym Gene Names	Arg1; Lcn7; Tinagl; AZ-1; TARP
UniProt Entry Name	TINAL_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/tubulointerstitial-nephritis-antigen-like-tinagl1/332237>