

Human Tensin-3 (TNS3) ELISA Kit | TNS3 elisa kit

Human Tensin-3 (TNS3) ELISA Kit

CATALOG #
AAA330394

REACTIVITY
Human

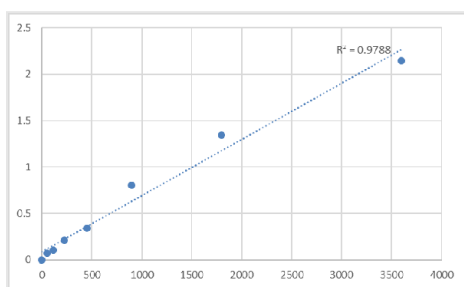
PRODUCT SYNONYMS

Tensin-3 (TNS3); Human Tensin-3 (TNS3) ELISA Kit; TNS3; DKFZp686K12123; DKFZp686M1045; FLJ13732; FLJ35545; H_NH049I23.2; MGC88434; TEM6; TENS1; H_NH0549I23.2; OTTHUMP00000082709; tensin-like SH2 domain containing 1; tensin-like SH2 domain-containing 1; thyro; TNS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tensin-3 (TNS3) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNS3. No significant cross-reactivity or interference between Human TNS3 and analogues was observed.
Sequence Length	1445
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. Human Tensin-3 (TNS3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNS3 elisa kit	Description: This Human Tensin-3 (TNS3) ELISA Kit employs a two-site sandwich ELISA to quantitate TNS3 in samples. An antibody specific for TNS3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNS3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNS3 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 TNS3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tensin-3 formed a complex with focal adhesion kinase and p130Cas (BCAR1) in human breast carcinoma cells. Addition of EGF to these cells induced dephosphorylation of FAK and p130Cas, leading to dissociation of the tensin-3/FAK/p130Cas complex and enhanced interaction between tensin-3 and EGFR. The deduced 1,445-amino acid protein has a calculated molecular mass of 155.3 kD. Like other tensins, tensin-3 has an N-terminal actin-binding domain and C-terminal SH2 and PTB domains. It also has several potential tyrosine phosphorylation sites. Northern blot analysis detected high expression of an 8-kb transcript in kidney and placenta, with weaker expression in heart, skeletal muscle, spleen, liver, and lung. Western blot analysis revealed a 180-kD tensin-3 protein in human endothelial and epithelial cells and fibroblasts.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	65288071
NCBI GeneID	64759
NCBI Accession #	NP_073585.8
NCBI GenBank Nucleotide #	NP_073585.8
UniProt Accession #	Q68CZ2
NCBI Official Full Name	tensin-3
NCBI Official Synonym Full Names	tensin 3
NCBI Official Symbol	TNS3
NCBI Official Synonym Symbols	TEM6; TENS1
NCBI Protein Information	tensin-3
UniProt Protein Name	Tensin-3
UniProt Gene Name	TNS3
UniProt Synonym Gene Names	TEM6; TENS1; TPP

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.