

Human Dual Specificity Protein Kinase TTK (TTK) ELISA Kit | TTK elisa kit

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CATALOG #
AAA330342

REACTIVITY
Human

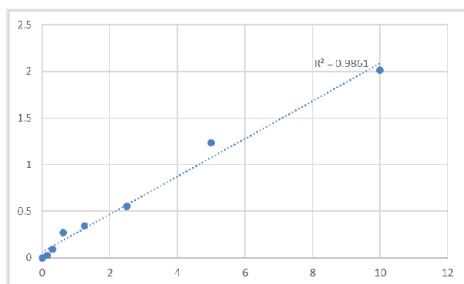
PRODUCT SYNONYMS

Dual Specificity Protein Kinase TTK (TTK); Human Dual Specificity Protein Kinase TTK (TTK) ELISA Kit; TTK; CT96; ESK; FLJ38280; MPS1; MPS1L1; PYT; cancer/testis antigen 96; dual specificity protein kinase; monopolar spindle 1-like 1; phosphotyrosine picked threonine kinase; TTK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Dual specificity protein kinase TTK (TTK) ELISA Kit has high sensitivity and excellent specificity for detection of Human TTK. No significant cross-reactivity or interference between Human TTK and analogues was observed.
Sequence Length	856
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 Dual specificity protein kinase TTK (TTK) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TTK elisa kit	Description: This Human Dual specificity protein kinase TTK (TTK) ELISA Kit employs a two-site sandwich ELISA to quantitate TTK in samples. An antibody specific for TTK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TTK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TTK 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 TTK bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: This au protein kinase belongs to the family of transferases, specifically those transferring a phosphate group to the sidechain oxygen atom of serine or threonine residues in proteins.This enzyme participates in 14 metabolic pathways: erbb signaling pathway, cell cycle, wnt signaling pathway, hedgehog signaling pathway, axon guidance, focal adhesion, b cell receptor signaling pathway, insulin signaling pathway, melanogenesis, alzheimer's disease, colorectal cancer, endometrial cancer, prostate cancer, and basal cell carcinoma.Expressed in the brain, particularly in cortical and hippocampal neurons. Weakly expressed in spinal cord and testis. No expression in adipose tissue, bladder, cervix, colon, esophagus, heart, kidney, liver, lung, ovary, placenta, prostate, skeletal muscle, small intestine, spleen, testis, thymus, thyroid or trachea.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262399361
NCBI GeneID	7272
NCBI Accession #	NP_001160163.1
NCBI GenBank Nucleotide #	NP_001160163.1
UniProt Accession #	P33981
NCBI Official Full Name	dual specificity protein kinase TTK isoform 2
NCBI Official Synonym Full Names	TTK protein kinase
NCBI Official Symbol	TTK
NCBI Official Synonym Symbols	ESK; PYT; CT96; MPH1; MPS1; MPS1L1
NCBI Protein Information	dual specificity protein kinase TTK
UniProt Protein Name	Dual specificity protein kinase TTK
UniProt Gene Name	TTK
UniProt Synonym Gene Names	MPS1; MPS1L1; PYT
UniProt Entry Name	TTK_HUMAN

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/human-elisa-kits/dual-specificity-protein-kinase-ttk-ttk/330342>