Human Probable Threonyl-tRNA Synthetase 2, Cytoplasmic (TARSL2) ELISA Kit | TARSL2 elisa kit

Human Probable Threonyl-tRNA Synthetase 2, Cytoplasmic (TARSL2) ELISA Kit

CATALOG #	REACTIVITY
AAA330695	**Human**

PRODUCT SYNONYMS

Probable Threonyl-tRNA Synthetase 2; Cytoplasmic (TARSL2); Human Probable Threonyl-tRNA Synthetase 2; Cytoplasmic (TARSL2) ELISA Kit; TARSL2; FLJ25005; TARSL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Probable threonyl-tRNA synthetase 2, cytoplasmic (TARSL2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TARSL2. No significant cross-reactivity or interference between Human TARSL2 and analogues was observed.
Sequence Length	802
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 Probable threonyl-tRNA synthetase 2, cytoplasmic (TARSL2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TARSL2 elisa kit	Description: This Human Probable threonyl-tRNA synthetase 2, cytoplasmic (TARSL2) ELISA Kit employs a two-site sandwich ELISA to quantitate TARSL2 in samples. An antibody specific for TARSL2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TARSL2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TARSL2 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 TARSL2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TARSL2 Belongs to the class-II aminoacyl-tRNA synthetase family. 2 isoforms of the human protein are produced by alternative splicing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38570111
NCBI GeneID	123283
NCBI Accession #	NP_689547.2
NCBI GenBank Nucleotide #	NP_689547.2
UniProt Accession #	A2RTX5
NCBI Official Full Name	threonine--tRNA ligase 2, cytoplasmic
NCBI Official Synonym Full Names	threonyl-tRNA synthetase like 2
NCBI Official Symbol	TARSL2
NCBI Protein Information	threonine--tRNA ligase 2, cytoplasmic; probable threonine--tRNA ligase 2, cytoplasmic
UniProt Protein Name	Probable threonine--tRNA ligase 2, cytoplasmic
UniProt Gene Name	**TARSL2**
UniProt Synonym Gene Names	ThrRS
UniProt Entry Name	SYTC2_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/probable-threonyl-trna-synthetase-2-cytoplasmic-tarsl2/330695