

Human Tryptophanyl tRNA Synthetase ELISA Kit | WARS elisa kit

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CATALOG #
AAA17573

REACTIVITY
Human

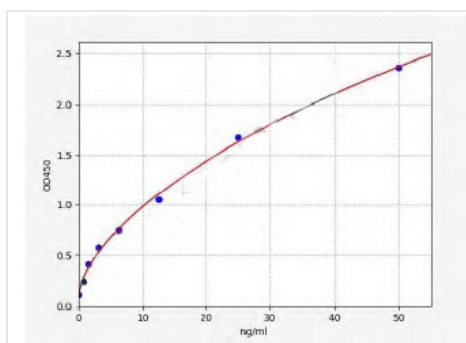
PRODUCT SYNONYMS

Tryptophanyl tRNA Synthetase; Human Tryptophanyl tRNA Synthetase ELISA Kit; WARS/FI53/WRS/TrpRS/hWRS/IFP53/Interferon-induced protein 53/Tryptophan--tRNA ligase/Tryptophanyl-tRNA synthetase; cytoplasmic; WARS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WARS. No significant cross-reactivity or interference between WARS and analogues was observed.
Sequence Length	336
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WARS elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24413784
NCBI GeneID	1098771
UniProt Accession #	Q8CJX0
Molecular Weight	36,804 Da
NCBI Official Full Name	tryptophanyl tRNA synthetase
NCBI Official Symbol	SCO3334
NCBI Official Synonym Symbols	SCE68.32; SCE7.01; trpS
NCBI Protein Information	tryptophanyl-tRNA synthetase
UniProt Protein Name	Tryptophan--tRNA ligase 1
UniProt Gene Name	trpS1
UniProt Synonym Gene Names	TrpRS 1
UniProt Entry Name	SYW1_STRCO

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/wars-human-elisa-kits/tryptophanyl-trna-synthetase/17573>