

Human Probable tRNA pseudouridine synthase 1 ELISA Kit | TRUB1 elisa kit

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CATALOG #
AAA102571

REACTIVITY
Human

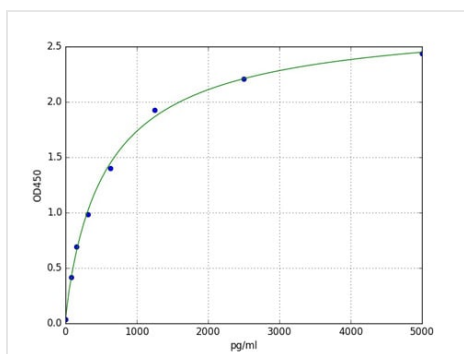
PRODUCT SYNONYMS

Probable tRNA pseudouridine synthase 1; Human Probable tRNA pseudouridine synthase 1 ELISA Kit; TRUB1/Probable tRNA pseudouridine synthase 1/PUS4; TRUB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	349
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a TRUB1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.075	0.143	0.268	0.494	0.971	1.696	2.305

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRUB1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TRUB1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TRUB1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 TRUB1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TRUB1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21040257
NCBI GeneID	142940
NCBI Accession #	NP_631908.1
NCBI GenBank Nucleotide #	NM_139169.4
Molecular Weight	37,253 Da
NCBI Official Full Name	probable tRNA pseudouridine synthase 1
NCBI Official Synonym Full Names	TruB pseudouridine (psi) synthase family member 1
NCBI Official Symbol	TRUB1
NCBI Official Synonym Symbols	PUS4
NCBI Protein Information	probable tRNA pseudouridine synthase 1
UniProt Protein Name	Probable tRNA pseudouridine synthase 1
UniProt Gene Name	TRUB1
UniProt Synonym Gene Names	PUS4
UniProt Entry Name	TRUB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/trub1-human-elisa-kits/probable-trna-pseudouridine-synthase-1/102571>