

Human thymidylate synthetase, TS ELISA Kit | TS elisa kit

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CATALOG #
AAA43179

REACTIVITY
Human

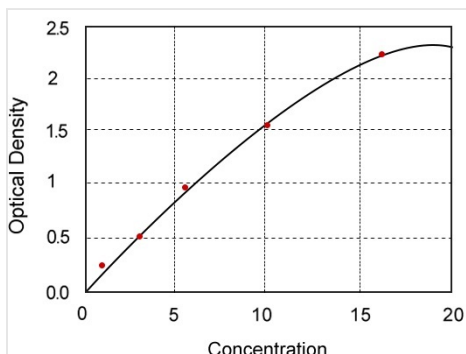
PRODUCT SYNONYMS

thymidylate synthetase; TS; Human thymidylate synthetase; TS ELISA Kit; TS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	314
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2mg/ml - 60mg/ml
Sensitivity	0.11mg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TS elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Thymidylate Synthetase (also known as TS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TS antibody. TS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TS Antibody is added and binds to TS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human TS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	343790902
NCBI GeneID	100627209
NCBI Accession #	NP_001230508.1
NCBI GenBank Nucleotide #	NM_001243579.1
NCBI Official Full Name	thymidylate synthase
NCBI Official Symbol	TYMS
NCBI Protein Information	thymidylate synthase

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/thymidylate-synthetase-ts/43179>