

Mouse Thymidine phosphorylase ELISA Kit | Tymp elisa kit

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CATALOG #
AAA98198

REACTIVITY
Mouse

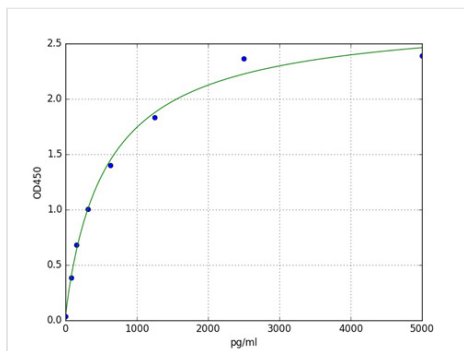
PRODUCT SYNONYMS

Thymidine phosphorylase; Mouse Thymidine phosphorylase ELISA Kit; Tymp/TP/dThdPase/ECGF1/Gliostatin/MEDPS1/MNGIE/MTDPS1/TdRPase/Thymidine Phosphorylase/TPase/TYMP/EC 2.4.2/EC 2.4.2.4/ECGF/TP/endothelial cell growth factor 1 (platelet-derived)/gliostatin/Gliostatin/hPD-ECGF/MEDPS1/MNGIE/MTDPS1/PDECGF/PD-ECGF/Platelet-derived endothelial cell growth factor/TdRPase/tDRPase/thymidine phosphorylase; Tymp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	482
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 Mouse Tymp 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	0.033	0.536	0.832	0.962	1.584	2.070	2.542	2.412

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tymp elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Tymp antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Tymp 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 Mouse Tymp amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Tymp can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	384229049
NCBI GeneID	1890
NCBI Accession #	NP_001244917.1
NCBI GenBank Nucleotide #	NM_001257988.1
Molecular Weight	50,405 Da
NCBI Official Full Name	thymidine phosphorylase isoform 1
NCBI Official Synonym Full Names	thymidine phosphorylase
NCBI Official Symbol	TYMP
NCBI Official Synonym Symbols	TP; ECGF; ECGF1; MNGIE; MEDPS1; MTDPS1; PDECGF; hPD-ECGF
NCBI Protein Information	thymidine phosphorylase
UniProt Protein Name	Thymidine phosphorylase
UniProt Gene Name	TYMP
UniProt Synonym Gene Names	ECGF1; TP; PD-ECGF
UniProt Entry Name	TYPH_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/tymp-mouse-elisa-kits/thymidine-phosphorylase/98198>