

Rat Tymp (Thymidine phosphorylase) ELISA Kit | Tymp elisa kit

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CATALOG #
AAA249411

REACTIVITY
Rat

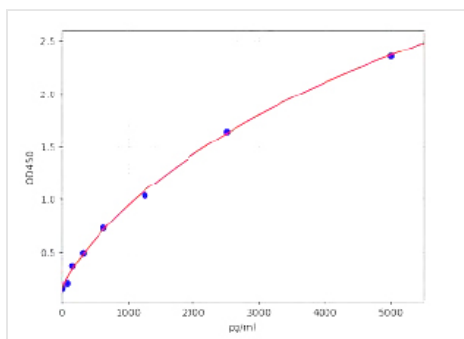
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Tymp. No significant cross-reactivity or interference between Tymp and analogues was observed.
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
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 Tymp 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 #	58865814
NCBI GeneID	315219
NCBI Accession #	NP_001012122.1
NCBI GenBank Nucleotide #	NM_001012122.1
UniProt Accession #	Q5FVR2
Molecular Weight	49,901 Da
NCBI Official Full Name	thymidine phosphorylase
NCBI Official Synonym Full Names	thymidine phosphorylase
NCBI Official Symbol	Tymp
NCBI Official Synonym Symbols	Ecgf1
NCBI Protein Information	thymidine phosphorylase; TP; tdRPase; endothelial cell growth factor 1 (platelet-derived)
UniProt Protein Name	Thymidine phosphorylase
UniProt Gene Name	Tymp
UniProt Synonym Gene Names	Ecgf1; TP
UniProt Entry Name	TYPH_RAT

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/rat-elisa-kits/tymp-thymidine-phosphorylase/249411>