

Mouse Transketolase ELISA Kit | Tkt elisa kit

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CATALOG #
AAA191768

REACTIVITY
Mouse

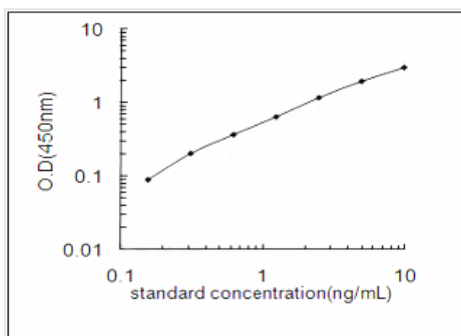
PRODUCT SYNONYMS

Transketolase; Mouse Transketolase ELISA Kit; TK; P68; Tkt; 2.2.1.1; Tkt elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse TK. No significant cross-reactivity or interference was observed.
Sequence Length	623
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=8.3%
Inter-Assay CV	<=9.9%
Recovery	112%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tkt elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse TK concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TK and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain TK, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of TK in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678359
NCBI GeneID	21881
NCBI Accession #	NP_033414.1
NCBI GenBank Nucleotide #	NM_009388.6
UniProt Accession #	P40142; Q3U7Y1; Q3UK62; Q545A1; Q9ESA0
Molecular Weight	67,630 Da
NCBI Official Full Name	transketolase
NCBI Official Synonym Full Names	transketolase
NCBI Official Symbol	Tkt
NCBI Official Synonym Symbols	p68
NCBI Protein Information	transketolase
UniProt Protein Name	Transketolase
UniProt Gene Name	Tkt
UniProt Synonym Gene Names	TK
UniProt Entry Name	TKT_MOUSE

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/tkt-mouse-elisa-kits/transketolase/191768>