

Human Transketolase ELISA Kit | TKT elisa kit

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CATALOG #
AAA309943

REACTIVITY
Human

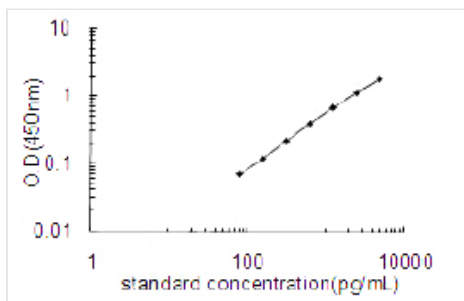
PRODUCT SYNONYMS

Transketolase; Human Transketolase ELISA Kit; TK; TKT; 2.2.1.1; TKT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human TK. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	78.1 pg/mL -5000 pg/mL
Preparation and Storage	Store at 4 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 human transketolase, 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, biotinconjugated 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507521
NCBI GeneID	7086

NCBI Accession #	NP_001055.1
NCBI GenBank Nucleotide #	NM_001064.3
UniProt Accession #	P29401 ; Q8TBA3 ; Q96HH3 ; A8K089 ; B4DE31 ; E7EPA7
Molecular Weight	68,814 Da
NCBI Official Full Name	transketolase isoform 1
NCBI Official Synonym Full Names	transketolase
NCBI Official Symbol	TKT
NCBI Official Synonym Symbols	TK; TKT1; SDDHD; HEL107; HEL-S-48
NCBI Protein Information	transketolase
UniProt Protein Name	Transketolase
UniProt Gene Name	TKT
UniProt Synonym Gene Names	TK

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-human-elisa-kits/transketolase/309943>