

Mouse Transaldolase (TALDO1) ELISA Kit | TALDO1 elisa kit

Mouse Transaldolase (TALDO1)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152394

REACTIVITY
Mouse

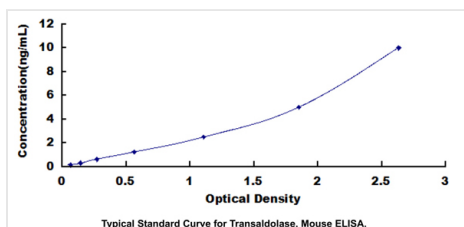
PRODUCT SYNONYMS

Transaldolase (TALDO1); Mouse Transaldolase (TALDO1)(Sandwich ELISA) ELISA Kit; ELISA Kit for Transaldolase (TALDO1); TAL; TALDO; TALDOR; Transaldolase 1; TALDO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of transaldolase. No significant cross-reactivity or interference between transaldolase and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level transaldolase were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level transaldolase were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TALDO1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to transaldolase. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to transaldolase. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain transaldolase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of transaldolase in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of transaldolase in mouse tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33859640
NCBI GeneID	21351
NCBI Accession #	NP_035658.1
NCBI GenBank Nucleotide #	NM_011528.4
UniProt Accession #	Q93092; P70358; P70703; Q52KM4
Molecular Weight	37,387 Da
NCBI Official Full Name	transaldolase
NCBI Official Synonym Full Names	transaldolase 1
NCBI Official Symbol	Taldo1
NCBI Protein Information	transaldolase
UniProt Protein Name	Transaldolase
UniProt Gene Name	Taldo1
UniProt Synonym Gene Names	Tal; Taldo
UniProt Entry Name	TALDO_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/transaldolase-taldo1/152394>