

Rat Aldolase B, Fructose Bisphosphate (ALDOB) ELISA Kit | ALDOB elisa kit

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CATALOG #
AAA64936

REACTIVITY
Rat

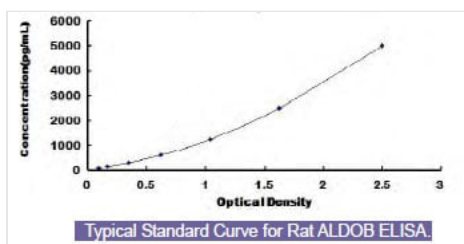
PRODUCT SYNONYMS

Aldolase B; Fructose Bisphosphate (ALDOB); Rat Aldolase B; Fructose Bisphosphate (ALDOB) ELISA Kit; ALDO-BL; Liver-type aldolase; ALDOB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ALDOB. No significant cross-reactivity or interference between ALDOB and analogues was observed.
Sequence Length	364
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	37pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ALDOB 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 ALDOB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALDOB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ALDOB in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALDOB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALDOB. 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 ALDOB, 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 ALDOB 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 #	158081751
NCBI GeneID	24190
NCBI Accession #	NP_036628.2
NCBI GenBank Nucleotide #	NM_012496.2
UniProt Accession #	Q66HT1; P00884
Molecular Weight	39,525 Da
NCBI Official Full Name	fructose-bisphosphate aldolase B
NCBI Official Synonym Full Names	aldolase, fructose-bisphosphate B
NCBI Official Symbol	Aldob
NCBI Official Synonym Symbols	Aldo2; LIV10
NCBI Protein Information	fructose-bisphosphate aldolase B
UniProt Protein Name	Fructose-bisphosphate aldolase
UniProt Gene Name	Aldob

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/aldolase-b-fructose-bisphosphate-aldob/64936>