

Mouse Aldolase A, Fructose Bisphosphate (ALDOA) ELISA Kit | ALDOA elisa kit

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CATALOG #
AAA68474

REACTIVITY
Mouse

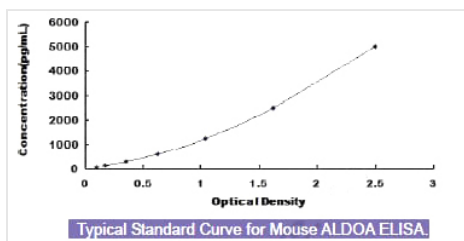
PRODUCT SYNONYMS

Aldolase A; Fructose Bisphosphate (ALDOA); Mouse Aldolase A; Fructose Bisphosphate (ALDOA) ELISA Kit; FBA; ALDO-A; Fructose 1; 6 Bisphosphate Aldolase; Lung cancer antigen NY-LU-1; Muscle-type aldolase; ALDOA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ALDOA. No significant cross-reactivity or interference between ALDOA and analogues was observed.
Sequence Length	364
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	<34.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ALDOA 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 ALDOA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALDOA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ALDOA in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALDOA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALDOA. 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 ALDOA, 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 ALDOA 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 #	293597569
NCBI GeneID	11674
NCBI Accession #	NP_001170779.1
NCBI GenBank Nucleotide #	NM_001177308.1
UniProt Accession #	P05064
Molecular Weight	39,356 Da
NCBI Official Full Name	fructose-bisphosphate aldolase A isoform 2
NCBI Official Synonym Full Names	aldolase A, fructose-bisphosphate
NCBI Official Symbol	Aldoa
NCBI Official Synonym Symbols	Aldo1; Aldo-1
NCBI Protein Information	fructose-bisphosphate aldolase A
UniProt Protein Name	Fructose-bisphosphate aldolase A
UniProt Gene Name	Aldoa
UniProt Synonym Gene Names	Aldo1

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/mouse-elisa-kits/aldolase-a-fructose-bisphosphate-aldoa/68474>