

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

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CATALOG #
AAA139833

REACTIVITY
Human

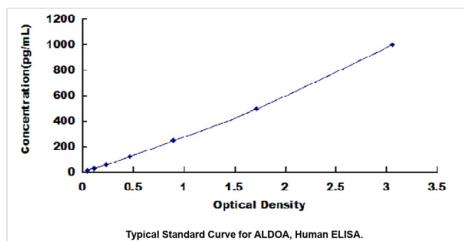
PRODUCT SYNONYMS

Aldolase A; Fructose Bisphosphate (ALDOA); Human 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	Human
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
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.5pg/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%
Preparation and Storage	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 ALDOA elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ALDOA. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody 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. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ALDOA in human serum, plasma, tissue homogenates and other biological fluids.
Product Categories/Family for ALDOA elisa kit	Enzyme & Kinase; Metabolic pathway; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	148231704
NCBI GeneID	379336
NCBI Accession #	NP_001079649.1
NCBI GenBank Nucleotide #	NM_001086180.1
NCBI Official Full Name	aldolase A, fructose-bisphosphate
NCBI Official Synonym Full Names	aldolase A, fructose-bisphosphate<
NCBI Official Symbol	aldoa
NCBI Protein Information	aldolase A, fructose-bisphosphate

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/human-elisa-kits/aldolase-a-fructose-bisphosphate-aldoa/139833>