

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

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CATALOG #
AAA86303

REACTIVITY
Mouse

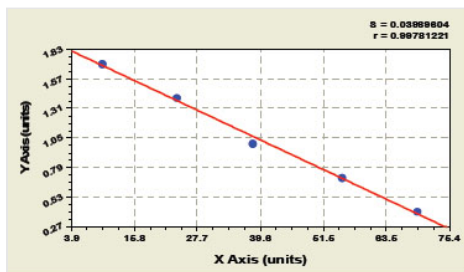
PRODUCT SYNONYMS

Aldolase A; Fructose Bisphosphate; Mouse Aldolase A; Fructose Bisphosphate ELISA Kit; ALDOA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALDOA elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This ALDOA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ALDOA. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY ALDOA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ALDOA antibody and an ALDOA-HRP conjugate. The assay sample and buffer are incubated together with ALDOA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ALDOA concentration since ALDOA from samples and ALDOA-HRP conjugate compete for the anti-ALDOA antibody binding site. Since the number of sites is limited, as more sites are occupied by ALDOA from the sample, fewer sites are left to bind ALDOA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALDOA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456715
NCBI GeneID	226
UniProt Accession #	P04075; Q6FH76; Q6FI10; Q96B15; Q9BWD9; Q9UCN2; B4DXI7
Molecular Weight	45,261 Da
NCBI Official Full Name	ALDOA, partial
NCBI Official Synonym Full Names	aldolase A, fructose-bisphosphate
NCBI Official Symbol	ALDOA
NCBI Official Synonym Symbols	ALDA; GSD12; HEL-S-87p
NCBI Protein Information	fructose-bisphosphate aldolase A; muscle-type aldolase; lung cancer antigen NY-LU-1; fructose-1,6-bisphosphate triosephosphate-lyase; epididymis secretory sperm binding protein Li 87p
UniProt Protein Name	Fructose-bisphosphate aldolase A
UniProt Gene Name	ALDOA
UniProt Synonym Gene Names	ALDA
UniProt Entry Name	ALDOA_HUMAN

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/aldoa-mouse-elisa-kits/aldolase-a-fructose-bisphosphate/86303>