

Mouse Aldolase C, Fructose Bisphosphate (ALDOC) ELISA Kit | ALDOC elisa kit

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CATALOG #
AAA68476

REACTIVITY
Mouse

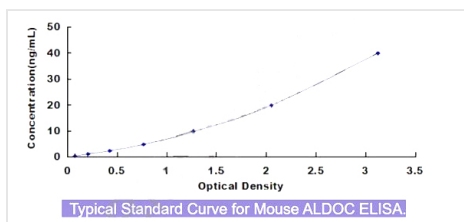
PRODUCT SYNONYMS

Aldolase C; Fructose Bisphosphate (ALDOC); Mouse Aldolase C; Fructose Bisphosphate (ALDOC) ELISA Kit; ALDO-C; ALDC; ALD-C; Fructose-bisphosphate aldolase C; Brain-type aldolase; ALDOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ALDOC. No significant cross-reactivity or interference between ALDOC and analogues was observed.
Sequence Length	363
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma or other biological fluids
Detection Range	0.625-40ng/mL
Sensitivity	< 0.278ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ALDOC 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 ALDOC 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 ALDOC elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALDOC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALDOC. 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 ALDOC, 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 ALDOC 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 the in vitro quantitative measurement of ALDOC in mouse serum, plasma or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	742670581
NCBI GeneID	11676
NCBI Accession #	NP_001290352.1
NCBI GenBank Nucleotide #	NM_001303423.1
UniProt Accession #	P05063; Q64011; Q8CA91; Q99K96; Q9DBA4; Q9JK32
Molecular Weight	39,395 Da
NCBI Official Full Name	fructose-bisphosphate aldolase C
NCBI Official Synonym Full Names	aldolase C, fructose-bisphosphate
NCBI Official Symbol	Aldoc
NCBI Official Synonym Symbols	Aldo3; Scrg2; AI847350; AU040929
NCBI Protein Information	fructose-bisphosphate aldolase C
UniProt Protein Name	Fructose-bisphosphate aldolase C
UniProt Gene Name	Aldoc
UniProt Synonym Gene Names	Aldo3; Scrg2

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-c-fructose-bisphosphate-aldoc/68476>