

Human Aldolase ELISA Kit | ALD elisa kit

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CATALOG #
AAA94018

REACTIVITY
Human

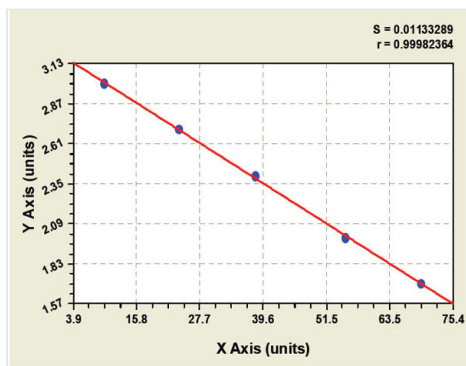
PRODUCT SYNONYMS

Aldolase; Human Aldolase ELISA Kit; ALD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ALD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ALD. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALD elisa kit	Principle of the Assay: ALD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ALD antibody and an ALD-HRP conjugate. The assay sample and buffer are incubated together with ALD-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 ALD concentration since ALD from samples and ALD-HRP conjugate compete for the anti-ALD antibody binding site. Since the number of sites is limited, as more sites are occupied by ALD from the sample, fewer sites are left to bind ALD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALD concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	496418866
NCBI Accession #	WP_009127713.1
NCBI GenBank Nucleotide #	WP_009127713.1
Molecular Weight	29,893 Da
NCBI Official Full Name	aldolase
UniProt Protein Name	Fructose/tagatose biphosphate aldolase
UniProt Entry Name	J2LRV2_9ENTR

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/ald-human-elisa-kits/aldolase/94018>