

Goat Aldehyde Dehydrogenase ELISA Kit | ALDH elisa kit

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CATALOG #
AAA93126

REACTIVITY
Goat

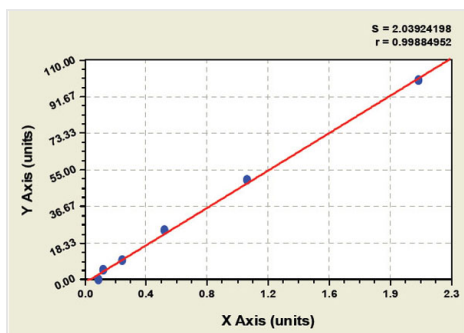
PRODUCT SYNONYMS

Aldehyde Dehydrogenase; Goat Aldehyde Dehydrogenase ELISA Kit; ALDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0u/l.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALDH elisa kit

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

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

PRINCIPLE OF THE ASSAY ALDH ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ALDH. Standards or samples are then added to the microtiter plate wells and ALDH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ALDH present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ALDH are added to each well to "sandwich" the ALDH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ALDH and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALDH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20129399
NCBI GeneID	34256
NCBI Accession #	NP_609285.1
NCBI GenBank Nucleotide #	NM_135441.2
Molecular Weight	57,019 Da
NCBI Official Full Name	aldehyde dehydrogenase, isoform A
NCBI Official Synonym Full Names	Aldehyde dehydrogenase
NCBI Official Symbol	Aldh
NCBI Official Synonym Symbols	146084_at; ACDH; ALDH; ALDHA1; CG 3752; CG3752; DmelCG3752
NCBI Protein Information	CG3752 gene product from transcript CG3752-RA; Aldh-PA; Aldh-PB; CG3752-PA; CG3752-PB; acetaldehyde dehydrogenase
UniProt Protein Name	Aldehyde dehydrogenase
UniProt Gene Name	Aldh
UniProt Synonym Gene Names	CG3752; Dmel_CG3752
UniProt Entry Name	Q9VLC5_DROME

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/aldh-goat-elisa-kits/aldehyde-dehydrogenase/93126>