

Rat aldehyde dehydrogenase (ALDH) ELISA Kit | ALDH elisa kit

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CATALOG # AAA53202	REACTIVITY Rat
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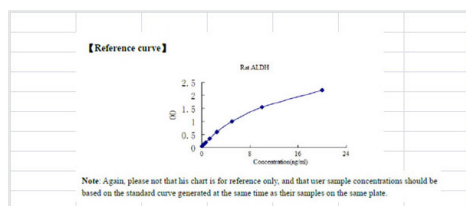
PRODUCT SYNONYMS

aldehyde dehydrogenase (ALDH); Rat aldehyde dehydrogenase (ALDH) ELISA Kit; ALDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	375
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALDH elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat ALDH monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16760339
NCBI GeneID	1247918

NCBI Accession #	NP_455956.1
NCBI GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	aldehyde-dehydrogenase
NCBI Official Symbol	STY1536
NCBI Protein Information	aldehyde-dehydrogenase

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/rat-elisa-kits/aldehyde-dehydrogenase-aldh/53202>