

Rat Alcohol dehydrogenase, ADH ELISA Kit | ADH elisa kit

Rat Alcohol dehydrogenase, ADH ELISA Kit

CATALOG #
AAA43199

REACTIVITY
Rat

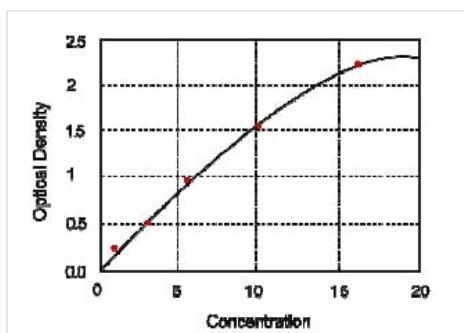
PRODUCT SYNONYMS

Alcohol dehydrogenase; ADH; Rat Alcohol dehydrogenase; ADH ELISA Kit; ADH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	430
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/L - 70ng/L
Sensitivity	0.11ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Alcohol Dehydrogenase (also known as ADH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ADH antibody. ADH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ADH Antibody is added and binds to ADH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ADH antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ADH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	497423771
NCBI Accession #	WP_009737969.1
NCBI GenBank Nucleotide #	WP_009737969.1
Molecular Weight	43,309 Da
NCBI Official Full Name	iron-containing alcohol dehydrogenase
UniProt Protein Name	Alcohol dehydrogenase, class IV
UniProt Gene Name	FraQA3DRAFT_1034

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/alcohol-dehydrogenase-adh/43199>