

Rat Alcohol dehydrogenase 1 ELISA Kit | Adh1 elisa kit

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CATALOG #
AAA98497

REACTIVITY
Rat

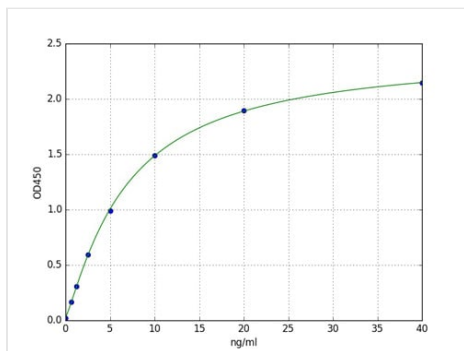
PRODUCT SYNONYMS

Alcohol dehydrogenase 1; Rat Alcohol dehydrogenase 1 ELISA Kit; Adh1/Adh-1/Alcohol dehydrogenase A subunit/Alcohol dehydrogenase 1; Adh1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	379
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Adh1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.030	0.038	0.088	0.165	0.310	0.765	1.260	2.230

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Adh1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Adh1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Adh1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Adh1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Adh1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

15223838

NCBI GeneID	844047
NCBI Accession #	NP_177837.1
NCBI GenBank Nucleotide #	NM_106362.2
Molecular Weight	41,178 Da
NCBI Official Full Name	alcohol dehydrogenase 1
NCBI Official Symbol	ADH1
NCBI Official Synonym Symbols	ADH; ADH1; ALCOHOL DEHYDROGENASE; alcohol dehydrogenase 1; ARABIDOPSIS THALIANA ALCOHOL DEHYDROGENASE; ATADH; ATADH1; F22K20.19; F22K20_19
NCBI Protein Information	alcohol dehydrogenase 1
UniProt Protein Name	Alcohol dehydrogenase class-P
UniProt Gene Name	ADH1
UniProt Synonym Gene Names	ADH
UniProt Entry Name	ADH1_ARATH

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/adh1-rat-elisa-kits/alcohol-dehydrogenase-1/98497>