

Mouse Alcohol Dehydrogenase 7 (ADH7) RTU ELISA Kit | ADH7 rtu elisa kit

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CATALOG #
AAA68891

REACTIVITY
Mouse

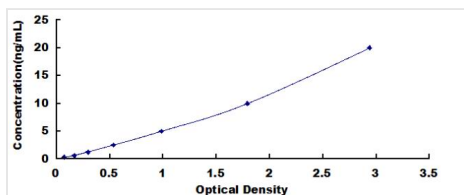
PRODUCT SYNONYMS

Alcohol Dehydrogenase 7 (ADH7); Mouse Alcohol Dehydrogenase 7 (ADH7) ELISA Kit; Alcohol dehydrogenase class 4 mu/sigma chain; Alcohol dehydrogenase class IV mu/sigma chain; Gastric alcohol dehydrogenase; ADH7 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	374
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADH7 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADH7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADH7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADH7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ADH7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560625
NCBI GeneID	11529
NCBI Accession #	NP_033756.2
NCBI GenBank Nucleotide #	NM_009626.4
UniProt Accession #	Q64437
Molecular Weight	39,904 Da
NCBI Official Full Name	alcohol dehydrogenase class 4 mu/sigma chain
NCBI Official Synonym Full Names	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide
NCBI Official Symbol	Adh7
NCBI Official Synonym Symbols	Adh3; Adh4; Adh-3; Adt-1; Adh-3e; Adh-3t; Adh3-e; Adh3-t; AI325182
NCBI Protein Information	alcohol dehydrogenase class 4 mu/sigma chain
UniProt Protein Name	Alcohol dehydrogenase class 4 mu/sigma chain
UniProt Gene Name	Adh7
UniProt Synonym Gene Names	Adh-3; Adh3

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/mouse-rtu-elisa-kits/alcohol-dehydrogenase-7-adh7/68891>