

Human Aldehyde dehydrogenase family 1 member A3, ALDH1A3 ELISA Kit | ALDH1A3 elisa kit

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CATALOG # AAA123466	REACTIVITY Human
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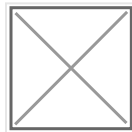
PRODUCT SYNONYMS

Aldehyde dehydrogenase family 1 member A3; ALDH1A3; Human Aldehyde dehydrogenase family 1 member A3; ALDH1A3 ELISA Kit; ALDH1A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	512
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15-3000ng/L
Sensitivity	7.31ng/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 ALDH1A3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Aldehyde dehydrogenase family 1 member A3 (also known as ALDH1A3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ALDH1A3 antibody. ALDH1A3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ALDH1A3 Antibody is added and binds to ALDH1A3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ALDH1A3 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 Human ALDH1A3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23463283
NCBI GeneID	266603
NCBI GenBank Nucleotide #	NP_695212.1
UniProt Accession #	Q8K4D8
NCBI Official Full Name	aldehyde dehydrogenase family 1 member A3
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family, member A3
NCBI Official Symbol	Aldh1a3
NCBI Official Synonym Symbols	Aldh6
NCBI Protein Information	aldehyde dehydrogenase family 1 member A3
UniProt Protein Name	Aldehyde dehydrogenase family 1 member A3
UniProt Gene Name	Aldh1a3
UniProt Synonym Gene Names	Aldh6; Raldh3; RALDH-3; RalDH3
UniProt Entry Name	AL1A3_RAT

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/human-elisa-kits/aldehyde-dehydrogenase-family-1-member-a3-aldh1a3/123466>