

Human D-amino-acid oxidase ELISA Kit | DAO elisa kit

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CATALOG #
AAA23308

REACTIVITY
Human

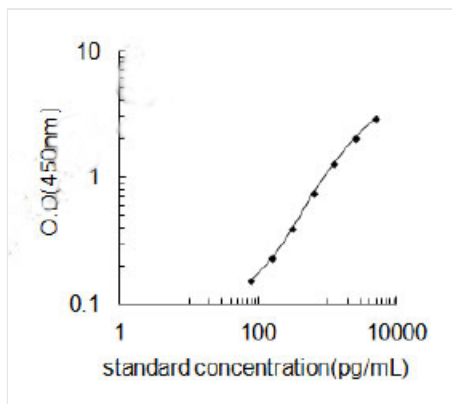
PRODUCT SYNONYMS

D-amino-acid oxidase; Human D-amino-acid oxidase ELISA Kit; DAAO; DAMOX; DAO; 1.4.3.3; DAO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human D-amino-acid oxidase,DAAO
Sequence Length	347
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	<38 pg/mL
Intra-assay Precision	<=4.9%
Inter-assay Precision	<=8.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAO elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148539837
NCBI GeneID	1610
NCBI Accession #	NP_001908.3
NCBI GenBank Nucleotide #	NM_001917.4
UniProt Accession #	P14920; Q16758; Q8N6R2; B2R7I5
Molecular Weight	39,474 Da
NCBI Official Full Name	D-amino-acid oxidase
NCBI Official Synonym Full Names	D-amino-acid oxidase
NCBI Official Symbol	DAO
NCBI Official Synonym Symbols	DAAO; OXDA; DAMOX
NCBI Protein Information	D-amino-acid oxidase
UniProt Protein Name	D-amino-acid oxidase
UniProt Gene Name	DAO
UniProt Synonym Gene Names	DAMOX; DAAO; DAMOX; DAO
UniProt Entry Name	OXDA_HUMAN

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/dao-human-elisa-kits/d-amino-acid-oxidase/23308>