

Human DAO (Diamine Oxidase) ELISA Kit | DAO elisa kit

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CATALOG #
AAA278165

REACTIVITY
Human

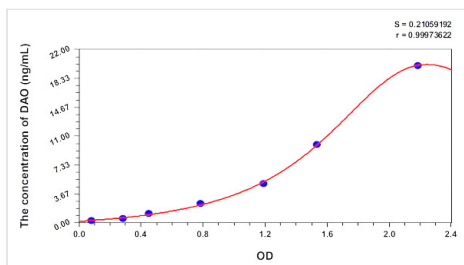
PRODUCT SYNONYMS

DAO (Diamine Oxidase); Human DAO (Diamine Oxidase) ELISA Kit; AOC1; ABP1; KAO; Histaminase; Kidney amine oxidase; Amiloride Binding Protein 1; Amiloride-sensitive amine oxidase; Amine oxidase copper domain-containing protein 1; DAO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	3.13-200ng/mL
Sensitivity	1.19ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAO elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DAO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DAO. 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 Human DAO, 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 +/- 10nm. The concentration of Human DAO in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for DAO elisa kit

[Enzyme & Kinase](#)

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; 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/human-elisa-kits/dao-diamine-oxidase/278165>