

## Rat DAO (Diamine Oxidase) ELISA Kit | DAO elisa kit

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CATALOG #  
**AAA278219**

REACTIVITY  
**Rat**

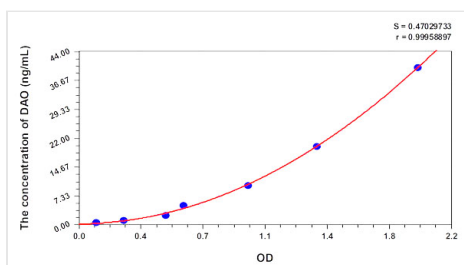
### PRODUCT SYNONYMS

DAO (Diamine Oxidase); Rat 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      | Rat                                                                         |
| Assay Type      | Sandwich                                                                    |
| Samples         | Serum, plasma, tissue homogenates, cell lysates and other biological fluids |
| Detection Range | 3.13-200ng/mL                                                               |
| Sensitivity     | 1.16ng/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 Rat DAO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat 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 #        | 16758434    |
| NCBI GeneID      | 114027      |
| NCBI Accession # | NP_446078.1 |

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_053626.1</a> |
| UniProt Accession #              | <a href="#">O35078</a>      |
| Molecular Weight                 | 38,820 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    | Dao1                        |
| NCBI Protein Information         | D-amino-acid oxidase        |
| UniProt Protein Name             | D-amino-acid oxidase        |
| UniProt Gene Name                | <b>Dao</b>                  |
| UniProt Synonym Gene Names       | Dao1; DAAO; DAMOX; DAO      |

**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://www.aaabiotech.com/rat-elisa-kits/dao-diamine-oxidase/278219>