

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

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CATALOG # AAA67740	REACTIVITY Porcine
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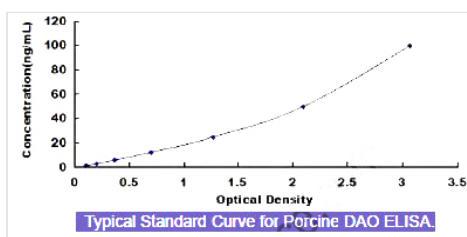
PRODUCT SYNONYMS

Diamine Oxidase (DAO); Porcine Diamine Oxidase (DAO) 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	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of DAO. No significant cross-reactivity or interference between DAO and analogues was observed.
Sequence Length	755
Samples	porcine serum, plasma, tissue homogenates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	<0.67ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DAO were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DAO were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAO elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DAO in porcine serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311275164
NCBI GeneID	100517436

NCBI Accession #	XP_003134601.1
NCBI GenBank Nucleotide #	XP_003134601.1
UniProt Accession #	Q9TRC7 ; Q29317 ; F1SSL3
Molecular Weight	85,475 Da
NCBI Official Full Name	amiloride-sensitive amine oxidase
NCBI Official Symbol	AOC1
NCBI Official Synonym Symbols	DAO; ABP1
NCBI Protein Information	amine oxidase, copper containing 1; Amiloride-binding protein 1; Amiloride-sensitive amine oxidase; Amine oxidase copper domain-containing protein 1; Diamine oxidase; Histaminase; amiloride binding protein 1 (amine oxidase (copper-containing))
UniProt Protein Name	Amiloride-sensitive amine oxidase [copper-containing]
UniProt Gene Name	AOC1
UniProt Synonym Gene Names	ABP1; Diamine oxidase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/diamine-oxidase-dao/67740>