

Mouse amine oxidase, copper containing 3 (vascular adhesion protein 1) ELISA Kit | AOC3 elisa kit

Mouse Membrane primary amine oxidase, AOC3 ELISA Kit

CATALOG # AAA18239	REACTIVITY Mouse
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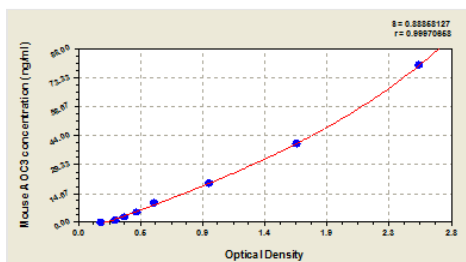
PRODUCT SYNONYMS

amine oxidase; copper containing 3 (vascular adhesion protein 1); Mouse Membrane primary amine oxidase; AOC3 ELISA Kit; Mouse Membrane primary amine oxidase (AOC3) ELISA kit; HPAO; SSAO; VAP-1; VAP1; copper containing 3; copper amine oxidase; semicarbazide-sensitive amine oxidase; vascular adhesion protein 1; AOC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse AOA. No significant cross-reactivity or interference between mouse AOA and analogues was observed.
Sequence Length	765
Samples	Serum, Plasma, Cell EII EII EII Lysates Ysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AOC3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AOA ^H has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AOA ^H present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AOA ^H is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AOA ^H bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753066
NCBI GeneID	11754
NCBI Accession #	NP_033805.1
NCBI GenBank Nucleotide #	NM_009675.2
UniProt Accession #	O70423; Q66JM4; Q9R055; A2A4I7
Molecular Weight	84,534 Da
NCBI Official Full Name	membrane primary amine oxidase
NCBI Official Synonym Full Names	amine oxidase, copper containing 3
NCBI Official Symbol	Aoc3
NCBI Official Synonym Symbols	SSAO; VAP1
NCBI Protein Information	membrane primary amine oxidase; VAP-1; copper amine oxidase; vascular adhesion protein 1; semicarbazide-sensitive amine oxidase
UniProt Protein Name	Membrane primary amine oxidase
UniProt Gene Name	Aoc3
UniProt Synonym Gene Names	Vap1; SSAO; VAP-1
UniProt Entry Name	AOC3_MOUSE

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/aoc3-mouse-elisa-kits/amine-oxidase-copper-containing-3-vascular-adhesion-protein-1/18239>