

Rat Membrane primary amine oxidase ELISA Kit | Aoc3 elisa kit

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CATALOG #
AAA99442

REACTIVITY
Rat

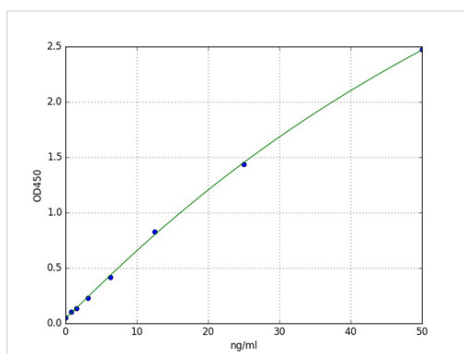
PRODUCT SYNONYMS

Membrane primary amine oxidase; Rat Membrane primary amine oxidase ELISA Kit; Aoc3/VAP-1/HPAO/SSAO/Copper amine oxidase/HPAOSSAO/Semicarbazide-sensitive amine oxidase/VAP1/membrane primary amine oxidase/Vascular adhesion protein 1; Aoc3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	634
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Aoc3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.054	0.098	0.141	0.191	0.434	0.857	1.446	2.639

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Aoc3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Aoc3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Aoc3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Aoc3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Aoc3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	480306390
NCBI GeneID	8639
NCBI Accession #	NP_001264660.1
NCBI GenBank Nucleotide #	NM_001277731.1
Molecular Weight	24,533 Da
NCBI Official Full Name	membrane primary amine oxidase isoform 2
NCBI Official Synonym Full Names	amine oxidase, copper containing 3
NCBI Official Symbol	AOC3
NCBI Official Synonym Symbols	HPAO; SSAO; VAP1; VAP-1
NCBI Protein Information	membrane primary 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_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/aoc3-rat-elisa-kits/membrane-primary-amine-oxidase/99442>