

Human Retina-specific copper amine oxidase, AOC2 ELISA Kit | AOC2 elisa kit

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CATALOG #
AAA42554

REACTIVITY
Human

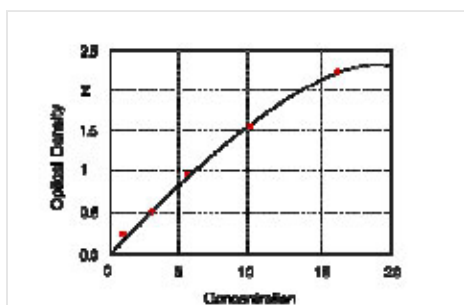
PRODUCT SYNONYMS

Retina-specific copper amine oxidase; AOC2; Human Retina-specific copper amine oxidase; AOC2 ELISA Kit; AOC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	756
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AOC2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Retina-specific Copper Amine Oxidase (also known as AOC2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human AOC2 antibody. AOC2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human AOC2 Antibody is added and binds to AOC2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AOC2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human AOC2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	60498984
NCBI GeneID	314
NCBI Accession #	NP_033720.2
NCBI GenBank Nucleotide #	NM_009590.3
UniProt Accession #	O75106; O00120; O75105; Q4TTW5; Q9UNY0; A5PKW2
Molecular Weight	80,516 Da
NCBI Official Full Name	retina-specific copper amine oxidase isoform b
NCBI Official Synonym Full Names	amine oxidase, copper containing 2
NCBI Official Symbol	AOC2
NCBI Official Synonym Symbols	RAO; DAO2; SSAO
NCBI Protein Information	retina-specific copper amine oxidase
UniProt Protein Name	Retina-specific copper amine oxidase
UniProt Gene Name	AOC2
UniProt Synonym Gene Names	RAO; SSAO

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/human-elisa-kits/retina-specific-copper-amine-oxidase-aoc2/42554>