

Human Amiloride-Sensitive Amine Oxidase [Copper-Containing] (ABP1) ELISA Kit | ABP1 elisa kit

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CATALOG # AAA331064	REACTIVITY Human
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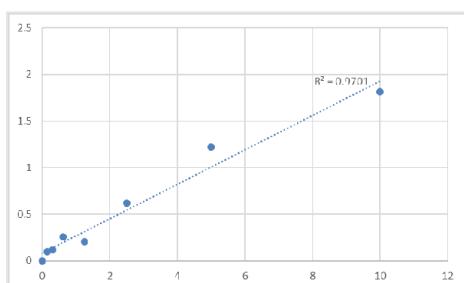
PRODUCT SYNONYMS

Amiloride-Sensitive Amine Oxidase [Copper-Containing] (ABP1); Human Amiloride-Sensitive Amine Oxidase [Copper-Containing] (ABP1) ELISA Kit; ABP1; ABP; AOC1; DAO; DAO1; KAO; amiloride binding protein 1; amiloride-binding protein; amiloride-binding protein-1; amiloride-sensitive amine oxidase; diamine oxidase; histaminase; kidney amine oxidase; ABP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Amiloride-sensitive amine oxidase [copper-containing] (ABP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human ABP1. No significant cross-reactivity or interference between Human ABP1 and analogues was observed.
Sequence Length	751
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Amiloride-sensitive amine oxidase [copper-containing] (ABP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ABP1 elisa kit	Description: This Human Amiloride-sensitive amine oxidase [copper-containing] (ABP1) ELISA Kit employs a two-site sandwich ELISA to quantitate ABP1 in samples. An antibody specific for ABP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ABP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABP1 is added to the wells. After washing, Streptavidin 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 ABP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: ABP1 encodes a metal-binding membrane glycoprotein that oxidatively deaminates putrescine, histamine, and related compounds. The encoded protein is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels. Alternatively spliced transcript variants encoding multiple isoforms have been observed for ABP1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73486661
NCBI GeneID	26
NCBI Accession #	NP_001082.2
NCBI GenBank Nucleotide #	NP_001082.2
UniProt Accession #	P19801
NCBI Official Full Name	amiloride-sensitive amine oxidase
NCBI Official Synonym Full Names	amine oxidase copper containing 1
NCBI Official Symbol	AOC1
NCBI Official Synonym Symbols	ABP; DAO; KAO; ABP1; DAO1
NCBI Protein Information	amiloride-sensitive amine oxidase [copper-containing]
UniProt Protein Name	Amiloride-sensitive amine oxidase [copper-containing]
UniProt Gene Name	AOC1
UniProt Synonym Gene Names	ABP1; DAO1; DAO; Diamine oxidase; KAO

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/amiloride-sensitive-amine-oxidase-copper-containing-abp1/331064>