

General Diamine Oxidase Assay Kit | DAO assay kit

Diamine Oxidase Microplate Assay Kit

CATALOG # AAA27821	REACTIVITY General	APPLICATIONS Functional Assay
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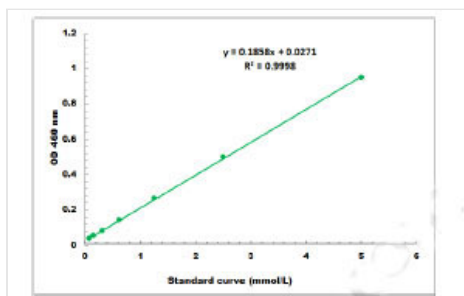
PRODUCT SYNONYMS

Diamine Oxidase; Diamine Oxidase Microplate Assay Kit; EC 1.4.3.22; DAO; Amine oxidase; CAO; Copper amine oxidase; Cu-containing amine oxidase; Diamino oxyhydrase; Histaminase; Histamine deaminase; Semicarbazide-sensitive amine oxidase; SSAO; DAO assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	677
Samples	Urine, serum, plasma, other biological fluids, tissue extracts, cell lysate, cell culture media samples
Detection Range	0.05 mmol/L - 5 mmol/L
Applicable Applications for DAO assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAO assay kit	Background/Introduction: Diamine oxidase (DAO) is an enzyme that your body uses to break down ingested histamine. There are a wide variety of foods that contain histamine, and it is DAO's job to break this histamine down. DAO also helps with the integrity of the gut lining, protecting us from leaky gut and the functional digestive issues that can precipitate from it. The assay is initiated with the enzymatic catalysis of cadaverine by DAO. The enzyme catalysed reaction products dianisidine can be measured at a colorimetric readout at 460 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	983174779
Molecular Weight	75,985 Da
NCBI Official Full Name	diamine oxidase
UniProt Protein Name	Diamine oxidase

UniProt Gene Name	DAO
UniProt Entry Name	A0A0Y0B7J3_9PLEO

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/general-assay-kits/diamine-oxidase/27821>