

Diamine Oxidase Activity Assay kit

Diamine Oxidase (EC1.4.3.6) is widely present in animals (intestinal mucosa, lung, liver, kidney, etc.), plants and microorganisms. Catalyzes the oxidation of polyamines to aldehydes, this activity is closely related to nucleic acid and protein synthesis, and can reflect the integrity and degree of damage to the intestinal mechanical barrier. DAO catalyzes cadaverine to produce aldehyde and hydrogen peroxide. Excessive addition of horseradish peroxidase to catalyze the oxidation of hydrogen peroxide to o-dianisidine to produce colored substances.

It have a characteristic absorption peak at 500nm. The DAO activity is calculated by measuring the rate of increase in absorbance at this wavelength.

Catalog No.	250128
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs