



Monoamine Oxidase Activity Assay kit

Monoamine oxidase (EC1.4.3.4) includes MAO-A and MAO-B. It is a flavin protein that binds to the outer membrane of mitochondria and catalyzes the oxidative deamination of neurotransmitters and bioamines. Monoamine oxidase is related to the aging of the body and is considered to be a sign of aging. It mainly exists in various organs of vertebrates, especially secretion glands, brain and liver. It also catalyzes the metabolism of monoamines in invertebrates, bean buds and other plants, with a low content, and has important physiological functions. MAO catalyzes the deamination of monoamine substrates, and the NH_4 produced is measured using the indophenol blue colorimetric method. The product has a characteristic absorption peak at 630 nm, and the MAO enzyme activity could be calculated by measuring the absorbance at 630 nm.

Catalog No.	250001
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs