

# Monoamine Oxidase (MAO) Activity Assay Kit

Cat No: HR3BC1253

For research use only

## Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(345 nm-360 nm,optimum wavelength: 355 nm)
Assay Time	40 min
Validity	3
Assay Type	Enzyme Activity
Sample Type	Serum, plasma, animal tissue
Synonyms	MAO
Instrument	Microplate reader(345 nm-360 nm,optimum wavelength: 355 nm)
Detection Principle	MAO can catalyze 4-dimethylambenzylamine to produce p-dimethylaminobenzaldehyde. p-Dimethylaminobenzaldehyde has a characteristic absorption peak at 355 nm. The activity of MAO can be calculated indirectly by analyzing the production of p-dimethylaminobenzaldehyde.
Reagents	
Labware	Centrifuge Micropipette, Incubator
Size	96T
Sensitivity	16 U/L
Detection Range	16 ? 641 U/L
Recovery Rate	105