



# Myeloperoxidase (MPO) Activity Assay Kit

Cat No: HR3BC1132

For research use only

## Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(460 nm)
Assay Time	90 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum,plasma,milk,animal tissue,cells
Synonyms	MPO
Instrument	Spectrophotometer(460 nm)
Detection Principle	Myeloperoxidase reduces hydrogen peroxide to a complex. The complex react with o-dianisidine (as hydrogen donor) to produce a yellow product which has a maximum absorption peak at 460 nm. The activity of MPO can be calculated indirectly by measuring the OD value at 460nm.
Reagents	
Labware	Vortex mixer, Micropipettor, Water bath, Incubator, Centrifuge
Size	100Assays
Sensitivity	4.9 U/L
Detection Range	4.9-196.7 U/L
Recovery Rate	104