Myeloperoxidase (MPO) Activity Assay Kit

Cat No: HR3BC1258

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(450 nm-470 nm,optimum wavelength: 460 nm)
Assay Time	65 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum, plasma, animal tissue
Synonyms	MPO
Instrument	Microplate reader(450 nm-470 nm,optimum wavelength: 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	Tubes, Micropipette, Vortex mixer, 37?/60? Water bath
Size	96T
Sensitivity	19.42 U/L
Detection Range	19.42-893.31 U/L
Recovery Rate	104