

Myeloperoxidase (MPO) Peroxidation Activity Fluorometric Assay

Cat No: HR3BC1242

For research use only

Overview

Detection Method	Fluorescence method
Storage	-20?
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Assay Time	20 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum, plasma, animal tissue
Synonyms	MPO
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Detection Principle	Under the catalysis of peroxidase, hydrogen peroxide can oxidize the non-fluorescent probe into the fluorescent substance, and its fluorescence intensity is proportional to the total peroxidase activity in the sample. This kit specifically inhibits the peroxidase activity of MPO in the sample through an MPO enzyme inhibitor, thus distinguishing the peroxidase activity of MPO in the sample from that of other peroxidases.
Reagents	
Labware	Micropipette, Vortex mixer, Water bath
Size	96T
Sensitivity	0.001 U/L
Detection Range	0.001 - 1.26 U/L
Recovery Rate	