

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 |