

## PRODUCT DATA SHEET

### Fluoro MPOHOCL™

### Fluorescence Myeloperoxidase Chlorination and Peroxidation Detection Kit

#### Description

Fluoro MPOHOCL uses a chlorination activity protocol that utilizes a non-fluorescent detection reagent, APF, which is converted to its fluorescent analog in the presence of HOCl. The kit is used for detection of MPO chlorination activity in neutrophils and macrophages, as well as detection of PMN infiltration in tissue samples (inflammation and innate host defense mechanisms). MPO chlorination activity has been implicated in acute and chronic manifestations of cardiovascular disease and acute and chronic inflammatory disorders due to chlorination tissue damage.

#### Product Specifications

##### Kit Components:

1. 10x Assay Buffer (Part # 3002)
2. Detection Reagent (Part # 4007)
3. Hydrogen Peroxide (Part# 3012)
4. Myeloperoxidase (Part# 6015)
5. APF (Part# 4011)

Application: Fluorescence plate reader  
Shipping: SHIPPED ON BLUE ICE  
Long Term Storage: Store contents as labeled  
Upon Arrival: 2-8° C

#### Catalog Number/Sizes

Catalog #	Size (tests)
MPOHOCL100-3	500

Rev.: 01/2011

**FOR RESEARCH USE ONLY.**