

PRODUCT DATA SHEET

Fluoro EPO™

Fluorescence Eosinophil Peroxidase Detection Kit

Description

Eosinophil peroxidase (EPO) is the most abundant enzyme found in eosinophil and is the major cytotoxic agent released by activated eosinophils. It uses hydrogen peroxide to generate reactive oxidants from halides and pseudo halide thiocyanate and has been shown to have antimycobacterial activity. It is implicated in tissue damage that occurs in asthma and other diseases. Eosinophils are involved in the initiation and propagation of diverse inflammatory responses as well as modulators of innate and adaptive immunity.

Product Specifications

Kit Components:

1. 10x Assay Buffer (Part 3002)
2. One vial Detection Reagent (Part 4016)
3. Hydrogen Peroxide (Part 3012)
4. One vial Eosinophil Peroxidase Enzyme (Part 6016)

Application: Fluorescence plate reader

Shipping: SHIPPED ON BLUE ICE

Long Term Storage: Store contents as labeled

Upon Arrival: Various – Please see kit components above for specific storage conditions

Catalog Number/Sizes

| Catalog # | Size (tests) |
|------------|--------------|
| FLEPO100-2 | 100 |

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FOR RESEARCH USE ONLY.