

PRODUCT DATA SHEET

Fluoro Hydroxyl/Peroxynitrite

Hydroxyl Radical ($\cdot\text{OH}$), and Peroxynitrite ($\text{ONOO}\cdot$) Detection Kit

Description

Hydroxyphenyl fluorescein (HPF) is a highly selective, cell permeable fluorescent probe for the detection of highly Reactive Oxygen Species (hROS): hydroxyl radical ($\text{OH}\cdot$), and peroxynitrite ($\text{ONOO}\cdot$) detection. It has little reactivity towards other hROS such as: hypochlorite (-OCl), singlet oxygen (O_2^1), superoxide ($\text{O}_2^{\cdot-}$), hydrogen peroxide (H_2O_2), nitric oxide ($\text{NO}\cdot$), and alkyl peroxide ($\text{RO}_2\cdot$).

Product Specifications

Kit Components:

1. HPF (Part# 4012)

Application: Fluorescence plate reader, Flow Cytometer, Fluorescence Microscope

Shipping: SHIPPED ON BLUE ICE

Long Term Storage: 2-8°C

Upon Arrival: Store contents as labeled

Catalog Number/Sizes

Catalog #	Size (tests)
FLHPF100-2	150

Manufactured by Daiichi Pure Chemicals Co. Ltd. Japan

Not for sale in Japan.

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For Research Use Only.