

## PRODUCT DATA SHEET

### Fluoro Hydroxyl / Peroxynitrite™ Hydroxyl Radical ( $\cdot\text{OH}$ ), and Peroxynitrite ( $\text{ONOO}^-$ ) 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 ( $\text{OH}^\bullet$ ), and peroxynitrite ( $\text{ONOO}^-$ ) detection. It has little reactivity towards other hROS such as: hypochlorite ( $-\text{OCl}$ ), singlet oxygen ( $\text{O}_2^1$ ), superoxide ( $\text{O}_2^-$ ), hydrogen peroxide ( $\text{H}_2\text{O}_2$ ), nitric oxide ( $\text{NO}^\bullet$ ), and alkyl peroxide ( $\text{RO}_2^\bullet$ ).

#### Product Specifications

##### Kit Components:

1. HPF (Part# 4012)

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)
FLHPF100-2	150

Manufactured by Daiichi Pure Chemicals Co. Ltd.  
NOT FOR SALE IN JAPAN.

**FOR RESEARCH USE ONLY.**