

PRODUCT DATA SHEET

Fluoro hROS™

Cell Permeable Dye for the Quantitative Detection of Highly Reactive Oxygen Species (hROS)

Description

Aminophenyl fluorescein (APF), developed by Tetsuo Nagano, is a general selective indicator for the detection of highly Reactive Oxygen Species (hROS). The probe has little reactivity towards other ROS such as: singlet oxygen (O_2^1), superoxide ($O_2^- \bullet$), hydrogen peroxide (H_2O_2), nitric oxide ($NO \bullet$), and alkyl peroxide ($RO_2 \bullet$). APF is a cell permeable indicator that can be used to detect Hydroxyl Radical ($\bullet OH$), Peroxynitrite: ($ONOO^-$) and hypochlorite (^-OCl) production in cells.

Product Specifications

Kit Components:

1. One Vial of 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)
FLAPF100-2	150*

* Test size will depend on dilution volume used per test.

Manufactured by Daiichi Pure Chemicals Co. Ltd.

NOT FOR SALE IN JAPAN.

FOR RESEARCH USE ONLY.