



NOS Detection Kit™

NOS (Nitric Oxide Synthase) Detection Kit

Description

Diaminofluorescein –2 Diacetate (DAF-2DA) is a non-fluorescent cell permeable reagent that can measure free Nitric Oxide (NO) and nitric oxide synthase (NOS) activity in living cells under physiological conditions. Once inside the cell the diacetate groups on the DAF-2DA reagent are hydrolyzed by cytosolic esterases thus releasing DAF-2 and sequestering the reagent inside the cell. Production of nitric oxide converts the non-fluorescent dye, DAF-2, to its fluorescent triazole derivative, DAF-2T. DAF-2T can be observed by excitation 488nm and measuring emission at 515nm.

Product Specifications

Kit Components:

1. DAF-2DA (Part# 4006)

Application Flow Cytometer, Fluorescence plate reader, 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)
NOS200-1	0.125mg at 2.22mg/ml
NOS200-2	0.25mg at 2.22mg/ml

Manufactured by Daiichi Pure Chemicals Co. Ltd. Japan

Not for sale in Japan.

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For Research Use Only.