

Neuraminidase Activity Fluorometric Assay Kit

Product Information

Cat

Kit-2274

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Product Overview

Neuraminidase (NA) is a very common enzyme that hydrolyzes terminal sialic acid residues on polysaccharide chains; most often a galactose residue. NA activity plays a key role in the invasion of target cells and the replication of influenza virus. NA activity also assists in the elution of progeny viruses from infected cells, and prevents self-aggregation of virus. Thus, NA is an important target for drug development. Neuraminidase Activity Assay Kit provides a simple and sensitive method for measuring NA activity using fluorescence (Ex/Em = 530/590 nm). The assay utilizes NA Probe to detect the neuraminidase activity. This high-throughput adaptable assay kit can detect NA activity as low as 2.0 mU/ml in a variety of samples.

Applications

Measurement of NA activity in various tissues/cells extracts or serum sample infected with influenza virus.

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

NA Assay Buffer; NA Probe (in DMSO, anhydrous); NA Substrate (Lyophilized); NA Enzyme Mix I (Lyophilized); NA Enzyme Mix II (Lyophilized); Galactose Standard (100 nmol/μl); NA Positive

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Neuraminidase Activity Fluorometric Assay Kit

Control

Detection method Fluorescence (Ex/Em = 530/590 nm)

Features & Benefits

Simple, rapid & convenient;

The assay can detect Neuraminidase activity
