CREATIVE BIOMART®
Assay Kit

# 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 Control

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

**Features & Benefits**

Simple, rapid & convenient;
The assay can detect Neuraminidase activity

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