



Sialic Acid Assay Kit

Product Information

Cat.No.

Kit-0783

Product Overview

Sialic Acid Assay Kit is a quantitative determination of free and total sialic acid.

Description

SIALIC ACID is a general name for nine carbon acidic sugars with N- or O- substituted derivatives. The most common member of these sugars is N-acetylneuraminic acid (NANA). Sialic acid is widely distributed throughout mammalian tissues and fluids including serum. Sialylated oligosaccharides have been shown to exhibit antiviral properties and are also known to influence blood coagulation and cholesterol levels. The sialic acid level in body fluids is also an important marker for diagnosing cancer.

Applications

Direct Assays: sialic acid in biological samples (e.g. serum, plasma, saliva, milk).

Usage

For research use only (RUO)

Storage

Store the Standard at -20°C, all others at room temperature. Shelf life of six months after receipt.

Kit Components

Dye Reagent 6 mL 10% TCA 5 mL DMSO 12 mL Oxidation Reagent 10 mL Hydrolysis Reagent 10 mL Standard: 10 mM Sialic Acid 500 MI

Detection method Colorimetric, Fluorometric

Compatible Sample Types

Milk, Plasma, Saliva, Serum

Features & Benefits



CREATIVE **BIOMART**[®]
Assay Kit

Sialic Acid Assay Kit

Sensitive and accurate: Use as little as 60 μ L samples. Linear detection range in 96-well plate: 5 to 1000 μ M sialic acid for colorimetric assays and 0.5 to 100 μ M for fluorimetric assays.

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