CREATIVE BIOMART®
Assay Kit

Nitric Oxide Colorimetric Assay Kit

Product Information

Cat

Kit-2241

Cat.No. Kit-2241

Product Overview

Nitric oxide (NO) plays an important role in neurotransmission, vascular regulation, immune response and apoptosis. NO is rapidly oxidized to nitrite and nitrate which are used to quantitate NO production. Nitric Oxide Colorimetric Assay Kit provides an accurate, convenient measure of total nitrate/nitrite in a simple two-step process. The first step converts nitrate to nitrite utilizing nitrate reductase. The second step uses Griess Reagents to convert nitrite to a deep purple azo compound. The amount of the azochromophore accurately reflects nitric oxide amount in samples. The detection limit of the assay is approximately 0.1 nmole nitrite/well, or 1 μM.

Applications

Nitric Oxide Colorimetric Assay Kit provides an accurate, convenient measure of total nitrate/nitrite in a simple two-step process.

Storage

-20°C

Shipping

Gel Pack

Size

200 assays

Kit Components

Assay Buffer; Enzyme cofactor; Enhancer; Nitrate Reductase; Nitrate Standard; Nitrite Standard; Griess Reagent R1; Griess Reagent R2; Microtiter Plate; Plate Cover

Target Species

Tel: 1-631-559-9269 1-516-512-3133

Email:info@creative-biomart.org

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

CREATIVE BIOMART®
Assay Kit

Nitric Oxide Colorimetric Assay Kit

Mammalian

Detection method Absorbance (540 nm)

Features & Benefits

Simple two-step procedure; takes only ~1-1.5 hours;
Fast and convenient;
Nitric Oxide Colorimetric Assay Kit provides an accurate, convenient measure of total nitrate/nitrite.

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