CREATIVE BIOMART®
Assay Kit

D-Gluconate (D-Gluconic Acid) Assay Kit (Colorimetric)

Product Information

Cat

Kit-1018

Common Name

Gluconate

Cat.No. Kit-1018

Description

D-Gluconic acid (C6H12O7) is a mild organic acid that is produced from glucose by glucose oxidase. It is abundantly present in plants, fruits and animal tissues. D-Gluconate (C6H11O7) is the salt or ester of Gluconic Acid. Due to its low toxicity, it is widely used in pharmaceutical, food, and other industries. D-Gluconate (Gluconic Acid) Assay kit is a sensitive, fast and easy-to-use kit. In this assay, Gluconate is utilized by Gluconokinase to form D-Gluconate-6-P and ADP, which subsequently undergoes a series of reactions to form an intermediate that reduces Gluconate probe to give a product with strong absorbance at 450 nm. This assay kit can detect D-Gluconate (D-Gluconic Acid) level less than 2 μM in a variety of samples.

Applications

Measurement of D-Gluconate (D-Gluconic Acid) in various samples such as tissues, plants, fruits and wine

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

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

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Assay Kit

D-Gluconate (D-Gluconic Acid) Assay Kit (Colorimetric)

Gluconate Assay Buffer; Gluconate Converter; ATP; Gluconate Enzyme Mix; Gluconate Developer; Gluconate Probe; Gluconate Standard

Detection method Absorbance (450 nm)

Features & Benefits

Non-radioactive

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