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

Cat. No. Kit-1018 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
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	Gluconate Assay Buffer; Gluconate Converter; ATP; Gluconate Enzyme Mix; Gluconate Developer; Gluconate Probe; Gluconate Standard
Detection method	Absorbance (450 nm)

Tel: 1-631-559-9269 1-516-512-3133
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Features & Benefits	Non-radioactive

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