CREATIVE BIOMART®
Assay Kit

Glucose Dehydrogenase Assay Kit

Product Information

Cat

Kit-2523

Cat.No. Kit-2523

Product Overview

GLUCOSE DEHYDROGENASE (GDH) belongs to the family of oxioreductases, specifically those acting on the CH-OH group of donor with other acceptors. GDH participates in the pentose phosphate pathway. The non-radioactive, colorimetric GDH assay is based on the reduction of the tetrazolium salt MTT in a NADH-coupled enzymatic reaction to a reduced form of MTT which exhibits an absorption maximum at 565 nm. The increase in absorbance at 565 nm is proportional to the enzyme activity.

Storage

RT

Shipping

RT

Size

100 tests

Detection method OD565nm

Compatible Sample Types

Biological samples (e.g. plasma, serum, tissue and culture media).

Features & Benefits

Fast and sensitive. Linear detection range (20 µL sample): 0.5 to 200 U/L for 15 min reaction. Convenient and high-throughput. Homogeneous "mix-incubate-measure" type assay. Can be readily automated on HTS liquid handling systems for processing thousands of samples per day.

Assay time

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

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

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15 min
Sensitivity
0.5 U/L

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