CREATIVE BIOMART®
Assay Kit

Glucose 6 Phosphate Dehydrogenase Colorimetric Assay Kit

Product Information

Cat.No. Kit-0351

Product Overview

Glucose 6 Phosphate Dehydrogenase Assay Kit (Colorimetric) is a simple, sensitive and rapid assay detects the activity of Glucose 6 Phosphate Dehydrogenase (G6PDH) in a variety of samples. In the assay, glucose 6 phosphate is oxidized, which leads to the conversion of a nearly colorless probe to an intensely colored product with an absorbance at 450nm.The G6PDH Assay Kit can detect as low as 0.04mU G6PDH per well.

Size

100 x 1 assay

Applications

Functional Studies

Storage

Store kit at -20°C, protect from light. Warm Assay Buffer to roomtemperature before use. Briefly centrifuge all small vials prior toopening. Read the entire protocol before performing the assay.

Kit Components

Components Identifier 100 testsG6PDH Assay Buffer WM 1 x 25mlG6PDH Developer Red 1 vialG6PDH Positive Control Green 1 vialG6PDH Substrate Blue 1 vialNADH Standard Yellow 1 vial

Detection method Colorimetric

Compatible Sample Types

Cell culture supernatant, Urine, Serum, Plasma, Other biological fluids, Tissue Extracts

Assay time

1h 00m

Sensitivity

>0.04 mU/well

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