



# 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 room temperature before use. Briefly centrifuge all small vials prior to opening. Read the entire protocol before performing the assay.

### Kit Components

Components Identifier 100 tests G6PDH Assay Buffer WM 1 x 25ml G6PDH Developer Red 1 vial G6PDH Positive Control Green 1 vial G6PDH Substrate Blue 1 vial NADH 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



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

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>0.04 mU/well

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