Glucose 6 Phosphate Dehydrogenase Colorimetric Assay Kit

Cat. No. Kit-0351 **Lot. No.** (See product label)

SPECIFICATION

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

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Sensitivity	>0.04 mU/well

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