



G6PDH Activity Assay kit

G6PDH is widely present in animals, plants, microorganisms and cultured cells. It is a key enzyme in the pentose phosphate pathway. It catalyzes the oxidation of 6-phosphate glucose to 6-phosphogluconolactone and at the same time reduces NADP⁺ to NADPH for biological use. Used to synthesize and maintain the reduced state in the cell. Therefore, the activity of glucose 6-phosphate dehydrogenase can reflect to a certain extent the biosynthesis and antioxidant capacity of the living body.

G6PDH catalyzes the reduction of NADP⁺ to generate NADPH, and the rate of increase of NADPH is measured at 340nm.

Catalog No.	250026
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs