



Fructokinase Activity Assay kit

Fructokinase (FRK, EC 2.7.1.4) is the primary enzyme that catalyzes fructose phosphorylation. Fructokinase can be used as a hexose receptor and signal molecule in plants to regulate plant metabolism and growth and development by affecting plant growth cycle. Fructose phosphorylation is important for maintaining the direction of starch biosynthesis. FRK catalyzes the synthesis of fructose 6-phosphate, which is isomerized to glucose 6-phosphate by hexose phosphate isomerase, and glucose 6-phosphate dehydrogenase further catalyzes the dehydrogenation of glucose 6-phosphate to NADH, which has a characteristic absorption peak at 340nm.

Catalog No.	250592
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs