

Fructose-Bisphosphate Aldolase Activity Assay kit

Fructose 1,6-bisphosphate aldolase (EC4.1.2.13) is an important enzyme in glycolysis and gluconeogenesis, catalyzing the reversible cleavage of fructose 1,6-bisphosphate into dihydroxyacetone phosphate and glyceraldehyde 3-phosphate, widely present in animals, plants and microorganisms, provides energy for the synthesis and metabolism of organisms.

Fructose 1,6-bisphosphate aldolase catalyzes fructose 1,6-bisphosphate to produce glyceraldehyde 3-phosphate and dihydroxyacetone phosphate, under the action of triose phosphate isomerase and alpha-glycerol phosphate dehydrogenase. Catalyzes NADH and dihydroxyacetone phosphate to produce NAD and alpha-glycerol phosphate. The change in absorbance at 340nm can reflect the activity of fructose 1,6-bisphosphate aldolase.

Catalog No.	250227
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs