

Fructose Dehydrogenase (FDH)

Product Information

Cat#	DIA-704
Descriptions	Fructose Dehydrogenase (FDH) catalyzes the electron acceptor-dependent oxidation of D-fructose to 5-keto-D-fructose, features high substrate specificity, and is applied in fructose concentration detection, biosensor construction and rare sugar biosynthesis research.
Applications	Fructose Dehydrogenase (FDH) is used for fructose content detection kits and rare sugar biosynthesis assay reagent development.
CAS No.	11-99-11
Enzyme Commission Number	EC 1.1.99.11
Reaction	D-fructose = 5-keto-D-fructose
Activity Definition	One unit is defined as the amount of enzyme that transfer 1Mumol D-fructose to 5-ketofructose per min at pH 4.5 at 37°C.