



Creative Enzymes

Diagnostic Enzymes

Glucose 1-Dehydrogenase (FAD, quinone)

Product Information

Cat#	DIA-728
Descriptions	Glucose 1-dehydrogenase (FAD, quinone) is a FAD-dependent oxidoreductase that uses quinone as the electron acceptor to catalyze D-glucose oxidation into gluconolactone, features excellent stability, and is widely applied in glucose biosensors and cofactor regeneration systems.
Applications	Glucose 1-dehydrogenase (FAD, quinone) is widely applied in glucose biosensor detection kits and cofactor regeneration system reagent development.
CAS No.	37250-84-3
Enzyme Commission Number	EC 1.1.5.9
Activity	160 U/mg
Storage	Store at -20°C for 2 years.