WHICH GLUCOSE DEHYDROGENASE IS RIGHT FOR YOU?

Discover our range of Glucose Dehydrogenases which best suit your application

Product Code	Description	Origin	Activity	Characteristics	Application
GLDE-70-1191	Glucose Dehydrogenase NAD Dependent	Bacillus sp	>30U/mg	Optimum pH: 8.0 (phosphate buffer) Optimum Temperature: Above 50°C pH Stability: 5.0 to 8.0 (40°C for 90 minutes) Thermal Stability: Below 80°C (pH 7.0 for 50 minutes)	Used in the formulation of glucose testing reagents or the use in Point of Care testing devices, due to its enhanced specificity for glucose.
GLDE-70-1192	Glucose Dehydrogenase FAD Dependent	Aspergillus sp	>900U/mg	Optimum pH: pH 7.0 to 8.0 Optimum Temperature: at least 50°C pH Stability: pH 5.0 - 7.5 (25°C for 20 hours) Thermal Stability: Stable up to 50°C (pH 6.0 for 15 minutes)	Useful for the determination of D-glucose in clinical analysis and self-monitoring blood glucose meters.
GLDE-70-1193	Glucose Dehydrogenase FAD Dependent	from recombinant Aspergillus sojae	≥475 U/mg	Optimum pH: 7.0–7.5 Optimum Temperature: 40–50°C pH Stability: 2.5–7.5 Thermal stability: below 50°C	Useful for the determination of D-glucose in clinical analysis and self-monitoring blood glucose meters.
GLDE-70-1195	Glucose Dehydrogenase FAD Dependent	from recombinant Aspergillus sojae	≥700 U/mg	Optimum pH: 7.0–7.5 Optimum Temperature: 45°C pH Stability: 2.5–7.5 Thermal stability (liquid form): below 60°C	Useful for the determination of D-Glucose in clinical analysis and continuous glucose monitoring (CGM) meter. The Enzyme has Low xylose interference.
T-228	Glucose Dehydrogenase FAD Dependent	from Microorganism	More than 400 U/mg solid	Optimum pH: 4.0–8.0 Optimum temperature: 40–50°C pH Stability: 3.0–8.0 Thermal stability: 40–50°C	Useful for the determination of D-glucose in clinical analysis and self-monitoring blood glucose meters.
T-228 C	Glucose Dehydrogenase FAD Dependent	from Microorganism	More than 400 U/mg solid	Optimum pH: 4.0–8.0 Optimum temperature: 40–50°C pH Stability: 3.0–8.0 Thermal stability: 40–50°C	Useful for the determination of D-Glucose in clinical analysis and continuous glucose monitoring (CGM) meter.

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