

Enzymes Involved in Diabetes Diagnosis

Diabetes has developed into one of the most serious health threats to the public throughout the world. A number of factors are reported to be associated with the exacerbation of diabetes, such as increasing urbanization, dietary changes, reduced physical activity, unhealthy lifestyle, aging population, and problematic behavioral patterns. Creative Enzymes is devoted to supporting diabetes research and drug development in pharmaceuticals and institutes with our enzyme products.

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Product List

Blood sugar test serves as the most rapid and straightforward means to reveal sign of diabetes. A number of enzymes involved in glucose metabolism were developed to react with glucose and subsequently to indicate glucose content in blood samples. A wide variety of diabetes related enzymes can be found in Creative Enzymes. For instance, glucose-6-phosphate dehydrogenase deficiency was found to be a risk factor for diabetes. Glucose oxidase and glucose dehydrogenase are most commonly used for clinical blood sugar test. Hexokinase catalyzes the phosphorylation of glucose to yield glucose 6-phosphate, which initiates the utilization of glucose. Other relevant enzyme products are also available in our catalog.

Cat No.	Product Name
DIA-145	Native Microorganism Glucose-6-phosphate Dehydrogenase
DIA-202	Native Microorganism Hexokinase
DIA-321	Native <i>Leuconostoc mesenteroides</i> Glucose-6-phosphate Dehydrogenase
NATE-0251	Native Microorganism Glucose Dehydrogenase (FAD-dependent)
NATE-0322	Native Bovine Glutathione Peroxidase
NATE-0854	Ketoamine Oxidase, Recombinant
NATE-1139	Glucose Dehydrogenase, Recombinant

Creative Enzymes also provides other enzyme products for diagnostics in addition to the ones listed above. Please [contact us](#) for any needs.

Note: Our products can only be used for the purpose of research and industrial production, not for individual use.

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