



Creative Enzymes

Diagnostic Enzymes

α 1, 3-Galactosyltransferase

Product Information

Cat#	DIA-909
Descriptions	α 1, 3-galactosyltransferase catalyzes the formation of α -1,3 galactosidic bonds on glycoprotein and glycolipid backbones, generates the α -Gal epitope associated with xenotransplantation rejection, and is extensively utilized for artificial carbohydrate antigen synthesis and transplant immunology research.
Applications	α 1, 3-galactosyltransferase is used for α -Gal epitope detection kits and xenotransplantation antibody assay reagent development.
CAS No.	128449-51-4
Enzyme Commission Number	EC 2.4.1.87
Enzyme Source	E. coli recombinant α 1,3-galactosyltransferase from bovine.
Synonyms	α 1,3-galactosyltransferase
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of Gal α 1,3Lac from UDP-Gal and lactose per minute at 37 °C.