

Alpha1, 3-N-acetyl- Galactosaminyltransferase (BgtA)

Product Information

Cat#	DIA-621
Descriptions	Alpha1, 3-N-acetyl-galactosaminyltransferase (BgtA) mediates the transfer of N-acetylgalactosamine to form α -1,3 glycosidic linkages, modulates glycan terminal epitope structure, and is applied in complex oligosaccharide synthesis and targeted glycoprotein remodeling.
Applications	Alpha1, 3-N-acetyl-galactosaminyltransferase (BgtA) is used for type A blood group antigen detection kit development and blood grouping assay reagent raw material preparation.
CAS No.	24-1-401
Enzyme Commission Number	EC 2.4.1.40
Enzyme Source	Helicobacter mustelae
Reaction	FucAlpha1.2GalBeta1-4GlcBetaOR + UDP-GalNAC = GalNAcAlpha1.3 FucAlpha1.2GalBeta1-4GlcBetaOR+ UDP
Activity Definition	One unit is defined as the amount of enzyme that transfer 1Mumol GalNAc from UDP-GalNAc to FucAlpha1.2GalBeta1-4Glc to form GalNAcAlpha1.3 FucAlpha1.2GalBeta1.4Glc per min at 37°C.
Package	1 U, 5 U, 25 U