

Materials List for:

Identification and Characterization of Protein Glycosylation using Specific Endo- and Exoglycosidases

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Materials

Name	Company	Catalog Number	Comments
Human chorionic gonadotropin β	Sigma-Aldrich	C6572	
PCR Tubes	VWR international	20170-004	
PCR Thermocycler	Applied Biosystems	4359659	
PNGase F	New England Biolabs	P0704	Supplied with buffers
Protein Deglycosylation Mix	New England Biolabs	P6039	Supplied with buffers
α -N-Acetylglactosaminidase	New England Biolabs	P0734	Supplied with buffer
α 1-2 Fucosidase	New England Biolabs	P0724	Supplied with buffer
α 1-3,6 Galactosidase	New England Biolabs	P0731	Supplied with buffer
β 1-3 Galactosidase	New England Biolabs	P0726	Supplied with buffer
10X Buffer G7 (500 mM Sodium Phosphate)	New England Biolabs	---	Supplied with PNGaseF or Degl Mix
10X Glycoprotein Denaturing Buffer (5% SDS, 400 mM DTT)	New England Biolabs	---	Supplied with PNGaseF or Degl Mix
10% NP-40	New England Biolabs	---	Supplied with PNGaseF or Degl Mix
3X SDS loading buffer (187.5 mM Tris-HCl pH 6.8, 6% SDS, 30% glycerol, 0.03% bromophenol blue)	New England Biolabs	B7703	Supplied with 1.25M DTT
ColorPlus Prestained Protein Marker	New England Biolabs	P7709	
10-20% Tris-Glycine Multigel	Cosmo Bio Co.	DCB-414893	
Cassette Electrophoresis Unit	Cosmo Bio Co.	DCB-303111	
Electrophoresis Power Supply EPS 301	GE Healthcare	18-1130-01	
Pro-Q Emerald 300 Glycoprotein Stain Kit	Invitrogen	P-21857	
Brilliant Blue R	Sigma-Aldrich	B0149	
Alphamager HP System	Cell Biosciences	92-13823-00	