

Materials List for:

Immunoglobulin G N-Glycan Analysis by Ultra-Performance Liquid Chromatography

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Materials

Name	Company	Catalog Number	Comments
2-aminobenzamide, 2-AB	Sigma, China		
96-well collection plate	AXYGEN		
96-well filter plate	Pol	0.45 um GHP	
96-well monolithic plate	BIA Separations		
96-well plate rotor	Eppendorf Co., Ltd, Germany	T_1087461900	
Acetic acid	Sigma, China		
Acetonitrile	Huihai Keyi Technology Co., Ltd, China		
Ammonium bicarbonate	Shenggong Biological Engineering Co., Ltd, China		
Ammonium formate	Beijing Minruida Technology Co., Ltd.		
Constant shaking incubator/rocker	Zhicheng analytical instrument manufacturing co., Ltd, China	ZWY-10313	
Dextran Calibration Ladder/ Glycopeptide column	Watts technology Co., Ltd, China	BEH column	
Dimethyl sulfoxide (DMSO)	Sigma, China		
Disodium phosphate	Shenggong Biological Engineering Co., Ltd, China		
Electric ovens	Tester instruments Co., Ltd	202-2AB	
Empower 3.0	Waters technology Co., Ltd, America		
Ethanol	Huihai Keyi Technology Co., Ltd, China		
Formic acid	Sigma, China		
GlycoProfile 2-AB Labeling kit	Sigma, China		
HCl	Junrui Biotechnology Co., Ltd, China		
High-speed centrifuge	Eppendorf Co., Ltd, Germany	5430	
Igepal	Sigma, China		
Low temperature centrifuge	Eppendorf Co., Ltd, Germany		
Low temperature refrigerator	Qingdao Haier Co., Ltd		
Manifold 96-well plate	Watts technology Co., Ltd, China	186001831	
Methanol	Huihai Keyi Technology Co., Ltd, China		

Milli-Q pure water meter	Millipore Co., Ltd, America	Advantage A10	
NaOH	Shenggong Biological Engineering Co., Ltd, China		
PH tester	Sartorius Co., Ltd, Germany	PB-10	
Phosphate buffered saline, PBS	Shenggong Biological Engineering Co., Ltd, China		
Pipette	Eppendorf Co., Ltd, Germany	4672100, 0.5-10 μ l & 10-100 μ l & 20-200 μ l & 1000 μ l	
PNGase F enzyme	Sigma, China		
Potassium dihydrogen phosphate	Shenggong Biological Engineering Co., Ltd, China		
Propan-2-ol	Huihai Keyi Technology Co., Ltd, China		
SDS	Sigma, China		
Sodium chloride	Shenggong Biological Engineering Co., Ltd, China		
Sodium cyanoborohydride (NaBH ₃ CN)	Sigma, China		
Spectrophotometer	Shanghai Yuanxi instrument Co., Ltd	B-500	
Transfer liquid gun	Smer Fell Science and Technology Co., Ltd, China	4672100	
Tris	Amresco, America		
Ultra-low temperature refrigerator	Thermo Co., Ltd, America	MLT-1386-3-V; MDF-382E	
Ultra-performance liquid chromatography	Watts technology Co., Ltd, China	Acquity MLtraPerformance LC	
Vacuum Pump	Watts technology Co., Ltd, China	725000604	
Volatilizing machine/Dryer	Eppendorf Co., Ltd, Germany	T_1087461900	
Vortex	Changzhou Enpei instrument Co., Ltd, China	NP-30S	
Water-bath	Tester instruments Co., Ltd	DK-98-IIA	
Weighing balance	Shanghai Jingke Scientific Instrument Co., Ltd.	MP200B	