

Materials List for:

Matrix-assisted Laser Desorption/Ionization Time of Flight (MALDI-TOF) Mass Spectrometric Analysis of Intact Proteins Larger than 100 kDa

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
Trizma hydrochloride	Sigma	T3253	
Trizima	Sigma	T6066	
Micro Bio-Spin 6 chromatography columns	Bio-Rad	732-6221	
Vivaspin 500	Sartorius	VS0122	various molecular weight cut off
Methanol	Fluka	14262	
Ethanol	Fluka	02860	
KIMTECH SCIENCE Precision Wipes Tissue Wipers	Kimberly Clark	05511	
α-cyano-4-hydroxycinnamic acid	Sigma Aldrich	C8982	
Acetone	Sigma Aldrich	650501	
2,5-dihydroxybenzoic acid	Fluka	39319	
GELoader Tips	Eppendorf	0030 001.222	
Acetonitrile	Sigma Aldrich	34998	
Formic acid	Fluka	09676	
Trifluoroacetic acid	Sigma Aldrich	302031	
Protein Standard II	Bruker Daltonics	207234	It contains Trypsinogen, Protein A, Serum Albumin-Bovine
Immunoglobulin G	ABSciex	GEN602151	
Name	Company	Catalog Number	Comments
EQUIPMENT			
Water purifier PURELAB Ultra Analytic	ELGA LabWater	89204-052	
Autoflex MALDI-TOF instrument	Bruker Daltonics		
MALDI-TOF target	Bruker Daltonics		