

Materials List for:

An HS-MRM Assay for the Quantification of Host-cell Proteins in Protein Biopharmaceuticals by Liquid Chromatography Ion Mobility QTOF Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
Vion IMS Qtof mass spectrometer	Waters	186009214	
Acquity H-Class Quaternary solvent manager (QSM)	Waters	186015041	
Acquity H-Class FTN Sample Manager (SM)	Waters	186015040	
Acquity H-Class Column Manager (CM)	Waters	186015043	
Acetonitrile (ACN)	Fisher Chemical	A996-4	
Ammonium bicarbonate	Sigma Aldrich	40867-50G-F	
2.1 x 150 mm CSH C18 UPLC column, 1.8 µm particles	Waters	186005298	
Dithiothreitol (DTT)	Sigma Aldrich	D5545-5G	
Formic acid, eluent additive for LC/MS	Sigma Aldrich	56302-10X1ML-F	
Hi3 rabbit phosphorylase (PHO) MassPREP standard	Waters	186006011	
Iodoacetamide (IAM)	Sigma Aldrich	I-1149-5G	
LC vials (12x32 mm glass vials, screw neck)	Waters	186000327c	
Leucine Enkephalin acetate salt hydrate	Sigma Aldrich	L9133-10MG	
Protein LoBind 2.0 mL tubes (2x50)	Eppendorf	22431102	
RapiGest SF	Waters	186001861	
Trypsin/Lys-C enzyme mix, mass spec grade (5 x 20 µg)	Promega	V5073	
Water, LC/MS grade	Sigma Aldrich	39253-1L-R	