

Materials List for:

Integration of Miniaturized Solid Phase Extraction and LC-MS/MS Detection of 3-Nitrotyrosine in Human Urine for Clinical Applications

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Materials

Name	Company	Catalog Number	Comments
3-Nitro-L-tyrosine	Sigma	N7389-5g	
3-Nitro-L-tyrosine-13C ₉	Sigma	652296-5.0mg	
Mass Spec Gold Urine	Golden West Biologicals	MSG 5000-1L	
Oasis MCX 96-well μ Elution plate	Waters	186001830BA	
2 mL 96 well collection plate	Phenomenex	AH0-7194	
96 positive processor	Waters	186005521	
LC-MS Ultra CHROMASOLV methanol	Sigma	14262-2L	
LC-MS Ultra CHROMASOLV water	Sigma	14263-2L	
Formic acid for mass spectrometry	Sigma	94318-50ML-F	
Ammonium hydroxide solution	Sigma	338818-1L	
Ultra PFP propyl columns	Restek	9179362	
5500 Triple quad	AB Sciex	/	Contact manufacture for more detail
UFLC-XR	Shimadzu	/	Contact manufacture for more detail
Integra 400 Plus	Roche	/	Urinary Creatinine Jaffé Gen 2 method
LCMS certified 12 x 32 mm screw neck vial	Waters	600000751CV	
LCGC certified 12 x 32 mm screw neck total recovery vial	Waters	186000384C	
5 mL transport tube	Phenix	TT-3205	
50 mL Centrifuge tube	Crystalgen	23-2263	
15 mL Centrifuge tube	Crystalgen	23-2266	
eLine electronic pipette	Sartorius	730391	
Microfuge centrifuge	Beckman Coulter	A46474	
OHAUS balance	Kennedy Scales, inc.	735	
Vortex mixer	Bernstead Thermolyne	M16715	