

Materials List for:

A General Method for Detecting Nitrosamide Formation in the *In Vitro* Metabolism of Nitrosamines by Cytochrome P450s

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Materials

Name	Company	Catalog Number	Comments
Norcotinine	AKoS GmbH (Steinen, Germany)	CAS 17708-87-1, AKoS AK0S006278969	
Acetic acid	Sigma-Aldrich	695092	
Acetic Anhydride	Sigma-Aldrich	242845	
Ammonium Acetate	Sigma-Aldrich	431311	
Barium Hydroxide	Sigma-Aldrich	433373	
D-Chloroform	Sigma-Aldrich	151823	
HPLC Acetonitrile	Sigma-Aldrich	34998	
Magnesium Sulfate	Sigma-Aldrich	M7506	
Methylene Chloride	Sigma-Aldrich	34856	
Sodium Nitrite	Sigma-Aldrich	237213	
ViVid CYP2A6 Blue Screening Kit	Life Technologies	PV6140	
Zinc Sulfate	Sigma-Aldrich	221376	
0.5 mL tubes	Fisher	AB0533	
100 mL round bottom flask	Sigma-Aldrich	Z510424	
125 mL Erlenmeyer flask	Sigma-Aldrich	CLS4980125	
125 mL Separatory Funnel	Sigma-Aldrich	Z261017	
25 mL round bottom flask	Sigma-Aldrich	Z278262	
500 MHz NMR Spectrometer	Bruker		
Allegra X-22R Centrifuge	Beckman-Coulter		
LC vials	ChromTech	CTC-0957-BOND	
LTQ Orbitrap Velos	Thermo Scientific		
Magnetic Stir bar	Sigma-Aldrich	Z127035	
NMR tube	Sigma-Aldrich	Z274682	
P1000, P200, and P10 pipettes	Eppendorf		
Rotary evaporator	Sigma-Aldrich	Z691410	
RSLCnano UPLC system	Thermo Scientific		
Shaking Water Bath	Fisher	FSSWB15	
Stir plate	Sigma-Aldrich	CLS6795420	
PicoFrit Column	New Objective	PF3607515N5	
Luna C18, 5 um	Phenomenex	535913-1	