

An Improved Chemotaxis Assay for the Rapid Identification of Rhizobacterial Chemoattractants in Root Exudates

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Materials

Name	Company	Catalog Number	Comments
2,5-dihydroxybenzoic acid	Beijing InnoChem Science & Technology C.,Ltd.	490-79-9	
Acetonitrile	CNW Technologies	75-05-8	
Ammonium acetate	CNW Technologies	631-61-8	
Caffeic acid	Beijing InnoChem Science & Technology C.,Ltd.	331-39-5	
Centrifuge	Thermo Fisher Scientific	Heraeus Fresco17	
Citric acid	Beijing InnoChem Science & Technology C.,Ltd.	77-92-9	
Clean bench	Shanghai Boxun Industrial Co., Ltd.	BJ-CD	
Ferulic acid	Beijing InnoChem Science & Technology C.,Ltd.	1135-24-6	
Formic acid	CNW Technologies	64-18-6	
Fructose	Beijing InnoChem Science & Technology C.,Ltd.	57-48-7	
Galactose	Beijing InnoChem Science & Technology C.,Ltd.	59-23-4	
Glycine	Beijing InnoChem Science & Technology C.,Ltd.	56-40-6	
Grinding Mill	Shanghai Jingxin Industrial Development Co., Ltd.	JXFSTPRP-24	
Histidine	Beijing InnoChem Science & Technology C.,Ltd.	71-00-1	
Internal standard: 2-Chloro-L-phenylalanine	Shanghai Hengbai Biotech C.,Ltd.	103616-89-3	
Leucine	Beijing InnoChem Science & Technology C.,Ltd.	61-90-5	

Malic acid	Beijing InnoChem Science & Technology C.,Ltd.	6915-15-7	
Mannose	Beijing InnoChem Science & Technology C.,Ltd.	3458-28-4	
Mass Spectrometer	Thermo Fisher Scientific	Q Exactive Focus	
Methanol	CNW Technologies	67-56-1	
Optical Microscope	Olympus	BX43	
Phenylalanine	Beijing InnoChem Science & Technology C.,Ltd.	63-91-2	
Proline	Beijing InnoChem Science & Technology C.,Ltd.	147-85-3	
Scales	Sartorius	BSA124S-CW	
Serine	Beijing InnoChem Science & Technology C.,Ltd.	56-45-1	
Threonine	Beijing InnoChem Science & Technology C.,Ltd.	72-19-5	
UHPLC	Agilent	1290 UHPLC	
Ultrasound Instrument	Shenzhen Leidebang Electronics Co., Ltd.	PS-60AL	
Valine	Beijing InnoChem Science & Technology C.,Ltd.	7004-03-7	