

Materials List for:

High-throughput and Comprehensive Drug Surveillance Using Multisegment Injection-capillary Electrophoresis Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
7100 Capillary Electrophoresis System	Agilent Technologies Inc.	G7100A	CE instrument used for separation of drug mixtures, desalting and anotation
6230 Series Time-of-Flight Mass Spectrometer	Agilent Technologies Inc.	G6230B	HRMS mass analyzer used for drug detection and anotation
CE-ESI-MS Sprayer Kit	Agilent Technologies Inc.	G1603A	CE/MS coaxial sheath liquid interface and capillary casette
1260 Infinity Isocratic Pump and Degasser	Agilent Technologies Inc.	G1310B	Isocratic pump to deliver sheath liquid/mass calibrant
MassHunter Workstation Data Acquisition Software (B.06.01)	Agilent Technologies Inc.	--	Software used for control of CE-MS system
MassHunter Qualitative Analysis Software (B.06.01)	Agilent Technologies Inc.	--	Software used for processing of CE-MS data
Shortix Capillary Cutter	Agilent Technologies Inc.	5813-4620	Cutting tool with diamond blade used to cut capillaries
Capillary Window Maker	Microsolv Inc.	07200-S	Burner with 7 mm window size to remove polyimide coating from CE capillary
Flexible Fused-silica Capillary Tubing	Polymicro Technologies Inc.	TSP05375	Standard polyimide coated fused-silica capillary for CE separation (50 micron ID; 360 micron OD)
Drug standards, deuterated internal standards, synthetic urine matrix (SURINE)	Cerilliant Inc.	Miscellaneous	Certified drugs of abuse reference standards (86 drug panel) with 48 deuterated internal standards and negative urine control (Surine)