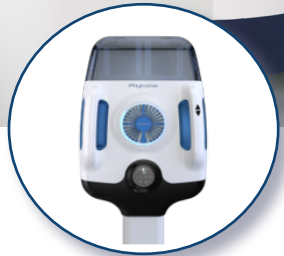




Phytronix Luxon Ion Source[®]- MS/MS and Precellys 24 Touch homogenizer

High-Throughput Screening in Hair for Drugs



- **Drug screening** in hair samples at 8 seconds per sample
- **Sample preparation method** for drug panels in hair using a single operation in LDTD (Laser Diode Thermal Desorption)-MS/MS
- **Fast and efficient** pulverization of hair samples with the Precellys 24 Touch, compatible with mass spectrometry analysis

A turnkey solution

Sample pulverization

Sample extraction

LDTD-MS/MS

...to detect drugs in your hair samples

During the last few decades, research work has been done to investigate the different drugs of abuse in hair samples. Phytronix, in collaboration with Bertin Instruments, has developed a sample preparation method for a drug panel in hair with the Precellys 24 Touch using a single operation in Luxon Ion Source[®]-MS/MS. The Luxon Ion Source[®] is the second-generation sample introduction and ionization source based on the LDTD[®] technology for mass spectrometry. The Precellys 24 Touch combined with LDTD-MS/MS offers specificity combined with an ultra-fast analysis for an unrivaled screening method.



Bertin Corp

2096 Gaither Rd, Suite # 230,
Rockville, MD 20850

WWW.BERTIN-CORP.COM



Phytronix Technologies

Parc techno du Québec métropolitain
4535, boul. Wilfrid-Hamel, Suite 120,
Québec (QC), Canada, G1P 2J7

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