Clinical/Forensic/Toxicology Solutions

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Featured Products

Ultra II® Biphenyl HPLC Columns

- Easily convert to LC/MS/MS testing with Ultra II® columns.
- Unique Biphenyl phase allows for selective analysis of difficult-to-resolve compounds.
- Improved hydrophobic retention reduces matrix interferences compared to competitor phenyl-based columns.

Special Offer! | **More Info**

Rxi®-5Sil MS GC Columns

- Low bleed column ideal for GC/MS and trace level analyses.
- Excellent inertness, improves accuracy for active compounds.
- Longer column lifetime saves costs and reduces downtime.

Products | **More Info**

Syringe Filters (with luer lock inlet)

- Variety of filter types, porosities, and diameters.
- Color coded for easy identification.
- Polypropylene housing.
- Reusable storage container.
- Quantity break pricing, for greater savings.

Products | **More Info**

Forensic Drug Screen Mixes

- **Test mixture** and **internal standard** available.
- Rigorous quality controls and full data packs available ONLINE!

Products

2.0mL Autosampler Vial Convenience Kits

- Vials packaged in a clear-lid tray. Preassembled caps with septa packaged separately in a plastic bag.
- Black polypropylene open-hole caps and 8mm red PTFE/silicone septa, 0.065".

Products

Survival Kits for HPLC

- Contain a wide range of tubing, fittings, and tools necessary to set up and maintain your HPLC system.
- Available in **stainless steel** or **PEEK™**.

Stainless Steel | **PEEK™**

For more products and applications for clinical/forensic analyses, please use the links to the right.

Featured Resources

LC/MS in Forensic Toxicology: Selecting a Killer LC Column (62 minutes)

Speakers: Becky Wittrig, Global HPLC Specialist, & Amanda Rigdon, Clinical/Forensics Applications Chemist | **View Webinar (Windows Media file)**

LC/MS/MS Analysis of Diuretics in Urine: Proper Column Choice Takes Matrix out of the Equation

< Added October 2009

Ultra II® Biphenyl columns improve the accuracy of diuretics analysis in urine by separating target diuretics from isobaric matrix interferences. Fast, reliable separation can be achieved for compounds that coelute on phenyl hexyl columns.

Find out more

Reduce Downtime and Cost of Materials with Rugged Rxi®-5Sil MS GC Columns

New Rxi®-5Sil MS columns produce consistent results for amphetamine—even after 400 injections of derivatizing reagent—resulting in less time and money spent on column maintenance and replacement.

Find out more

Ultra II® LC Columns: The Column Line Designed for Optimal Chromatography on ANY LC System, Based on Highly Inert Restek Silica

Ultra II® is the first LC column line specifically designed for universal application and completely scalable chromatography, from conventional to ultra-high pressure systems. Available in a wide range of phases, including traditional and unique chemistries.

lit. cat.# GNTS1177 (393kb PDF)

Resolution Evolution: Biphenyl—Next Generation of Phenyl Columns

Biphenyl columns provide both high hydrophobic retention and aromatic selectivity in

the same column. Orthogonal separations can be achieved with simple mobile phase changes, giving markedly better separations for a wide variety of molecules.
lit. cat.# GNFL1096 (523kb PDF)

LC/MS/MS System Suitability Test Mix for Drug Analysis
Analytical Reference Materials
Ensure proper LC/MS/MS system performance by analyzing a system suitability mix on a regular basis. This mix contains compounds covering a wide range of masses and polarities, and a simple test is used to evaluate the entire analytical system.
lit. cat.# CFTS1002 (160kb PDF)

High Sensitivity EtG and EtS Method Reduces Costs and Analysis Time
A new LC method for analyzing ethanol metabolites using ion-pairing provides higher retention, faster analysis times, and improved MS sensitivity for EtG and EtS, compared to conventional methods.
Find out more

5 Minute Analysis of Vitamin D in Serum by LC/MS/MS
Conventional techniques for vitamin D analysis often lack adequate sensitivity, specificity, and speed. This LC/MS/MS assay results in highly symmetric peaks that elute in just 5 minutes.
Find out more

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