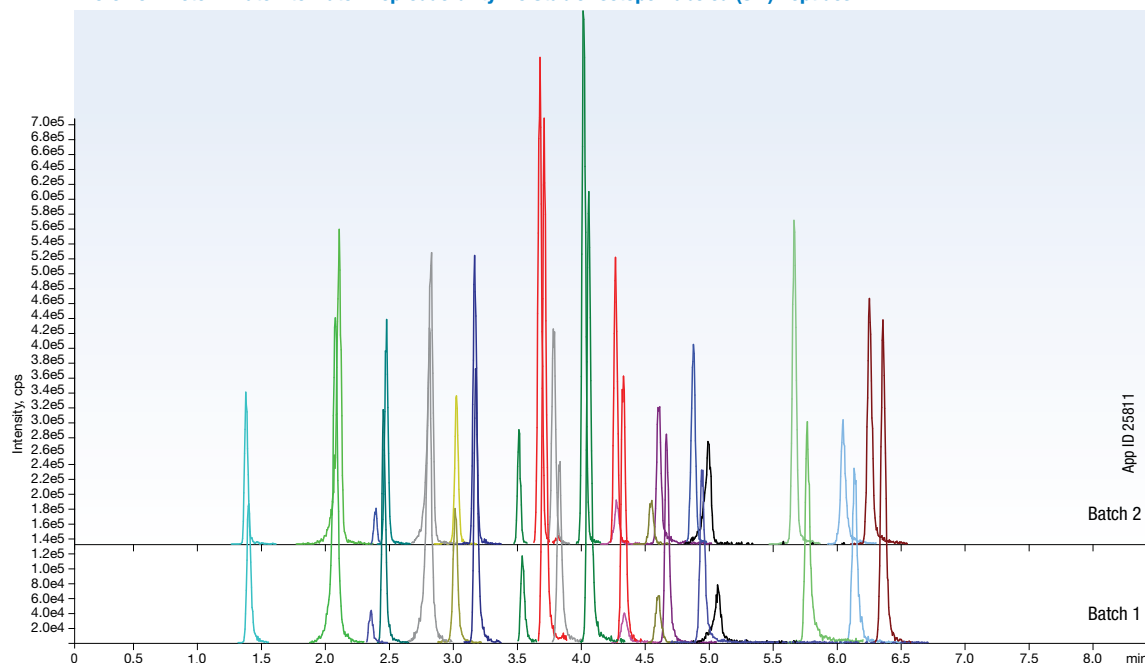


Micro LC Columns, Traps, and Fittings

Reproducible Micro Columns

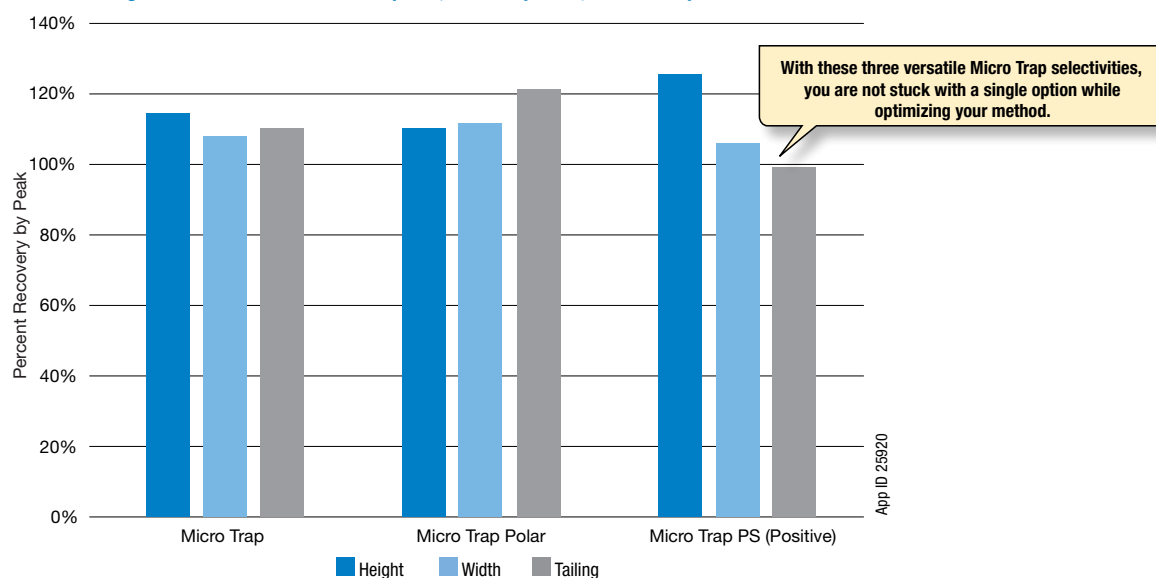
Our micro columns are manufactured with hardware and surface chemistries that are designed to be consistent analytical tools for your analysis. They undergo extensive quality testing to ensure dependability and reproducibility to bring confidence to your application.

Micro LC Kinetex™ Batch-to-Batch Reproducibility: 20 Stable-Isotope-Labeled (SIL) Peptides



Complementary Micro LC Column and Trap Selectivity

Luna™ Omega Polar Column with Micro Trap C18, MicroTrap Polar, or MicroTrap PS



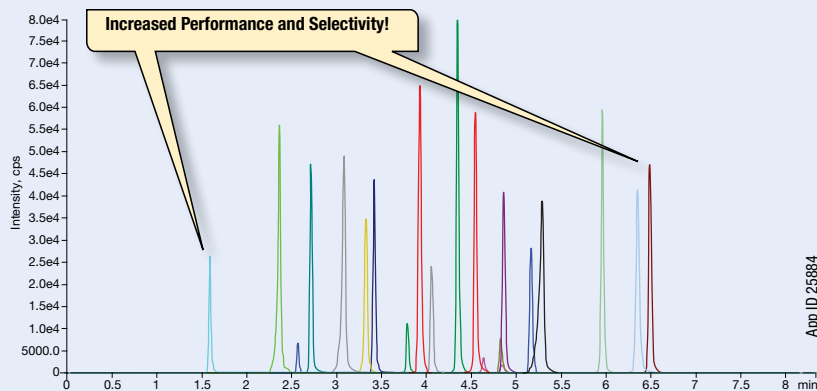
Micro Trap Phases & Dimension		
Micro Trap C18	10 x 0.3 mm	10 x 0.5 mm
Micro Trap Polar	10 x 0.3 mm	10 x 0.5 mm
Micro Trap PS	10 x 0.3 mm	10 x 0.5 mm

Micro LC Columns, Traps, and Fittings

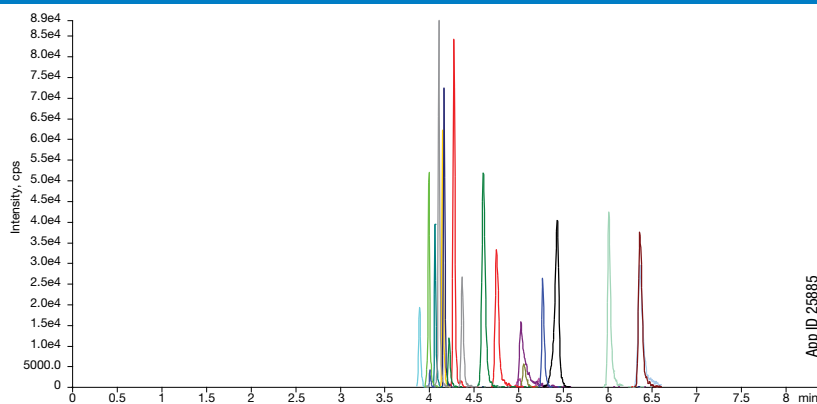
Bring Diverse Micro Selectivity and Improved Performance to Your Lab!

Kinetex Core-Shell Technology packed in a highly compatible micro LC column hardware makes choosing easy; now you get both selectivity and performance gains.

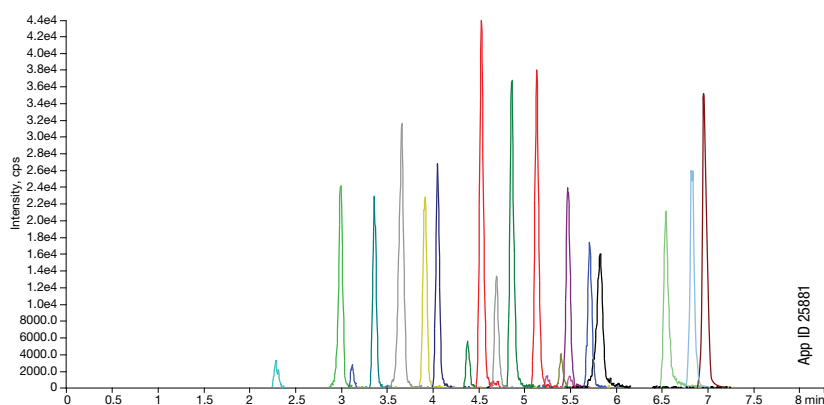
Kinetex™ XB-C18 2.6 μm



Waters® nanoEase™ M/Z Peptide BEH C18 1.7 μm



Thermo Scientific™ Acclaim™ PepMap™ C18 2 μm



Micro LC Conditions for all columns:

Columns: As noted

Dimension: 50 x 0.3 mm

Mobile Phase: A: Water with 0.1 % Formic Acid
B: Acetonitrile with 0.1 % Formic Acid

Gradient: Time (min)

Time (min)	% B
0	3
10	40
12	80
14	80
15	3
20	3

Flow Rate: 10 μL/min

Temperature: Ambient (25 °C)

Detection: MS/MS SCIEX® QTRAP® 5500

Injector Temp.: 4 °C

Column Temp.: 25 °C

Injection Volume: 1 μL

Sample: 20 stable-isotope-labeled (SIL) peptide mix

Micro LC Columns, Traps, and Fittings

Micro LC Columns

Ordering Information

2.6 µm Micro LC Columns (mm)						
Phase	30 x 0.3	50 x 0.3	100 x 0.3	150 x 0.3	50 x 0.5	150 x 0.5
Kinetex™ Biphenyl 100Å	—	00B-4622-AC	—	00F-4622-AC	00B-4622-AF	—
Kinetex C18 100Å	00A-4462-AC	00B-4462-AC	—	00F-4462-AC	00B-4462-AF	—
Kinetex EVO C18 100Å	—	00B-4725-AC	—	00F-4725-AC	00B-4725-AF	—
Kinetex F5 100Å	—	00B-4723-AC	00D-4723-AC	00F-4723-AC	00B-4723-AF	—
Kinetex XB-C18 100Å	00A-4496-AC	00B-4496-AC	00D-4496-AC	00F-4496-AC	00B-4496-AF	00F-4496-AF

3 µm Micro LC Columns (mm)						
Phase	50 x 0.3	100 x 0.3	150 x 0.3	50 x 0.5	100 x 0.5	150 x 0.5
Luna™ C8(2)100Å	00B-4248-AC	—	—	00B-4248-AF	—	—
Luna C18(2) 100Å	00B-4251-AC	00D-4251-AC	00F-4251-AC	00B-4251-AF	00D-4251-AF	00F-4251-AF
Luna NH ₂ 100Å	—	—	00F-4377-AC	—	—	—
Luna HILIC 200Å	—	—	—	00B-4449-AF	—	—
Luna Phenyl-Hexyl 100Å	—	00D-4256-AC	—	—	00D-4256-AF	—
Luna Omega PS C18 100Å	00B-4758-AC	00D-4758-AC	00F-4758-AC	00B-4758-AF	00D-4758-AF	00F-4758-AF
Luna Omega Polar C18 100Å	00B-4760-AC	00D-4760-AC	00F-4760-AC	00B-4760-AF	00D-4760-AF	00F-4760-AF
Gemini™ C18 110Å	00B-4439-AC	—	00F-4439-AC	00B-4439-AF	—	—

4 µm Micro LC Columns (mm)						
Phase	50 x 0.3	150 x 0.3	250 x 0.3	50 x 0.5	150 x 0.5	250 x 0.5
Synergi™ Max-RP 80Å	—	—	—	00B-4337-AF	00F-4337-AF	—
Synergi Hydro-RP 80Å	00B-4375-AC	00F-4375-AC	00G-4375-AC	00B-4375-AF	—	00G-4375-AF
Synergi Fusion-RP 80Å	—	00F-4424-AC	—	—	00F-4424-AF	—
Synergi Polar-RP 80Å	—	—	—	—	00F-4336-AF	—
Jupiter™ Proteo 90Å	00B-4396-AC	00F-4396-AC	—	—	00F-4396-AF	—

5 µm Micro LC Columns (mm)					
Phase	50 x 0.3	150 x 0.3	50 x 0.5	150 x 0.5	250 x 0.5
Luna C8(2) 100Å	—	00F-4249-AC	—	—	—
Luna C18(2)100Å	—	00F-4252-AC	—	00F-4252-AF	00G-4252-AF
Luna Phenyl-Hexyl 100Å	00B-4257-AC	—	00B-4257-AF	—	—
Luna Omega Polar C18 100Å	00B-4760-AC	00F-4760-AC	00B-4760-AF	00F-4760-AF	—
Luna Omega PS C18 100Å	00B-4758-AC	00F-4758-AC	00B-4758-AF	00F-4758-AF	—
Jupiter C18 300Å	00B-4053-AC	—	00B-4053-AF	00F-4053-AF	—
Jupiter C4 300Å	00B-4167-AC	—	00B-4167-AF	—	—

Micro LC Trap Selectivities

Ordering Information

Micro Traps			
Phase	10 x 0.3 mm	10 x 0.5 mm	Unit
Micro Trap C18	05N-4252-AC	05N-4252-AF	3/pk
Micro Trap Polar	05N-4754-AC	05N-4754-AF	3/pk
Micro Trap PS	05N-4753-AC	05N-4753-AF	3/pk
Micro Trap WP C4	05N-4167-AC	05N-4167-AF	3/pk

Ordering Information

Micro Traps Fittings		
Part No.	Description	Unit
AQO-7602	PEEKlok™ fittings with 6-40 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
AQO-7603	PEEKlok fittings with 6-32 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
AQO-7601	PEEKlok fittings with 10-32 thread for 1/16" OD tubing with low profile hex head (2 x fittings, 6 x ferrules and 1 x wrench)	ea



It's recommended that you optimize the selectivity between your Micro LC trap and column configuration to maximize your separation performance.