

DELTA-PAK HPLC AND UHPLC COLUMNS

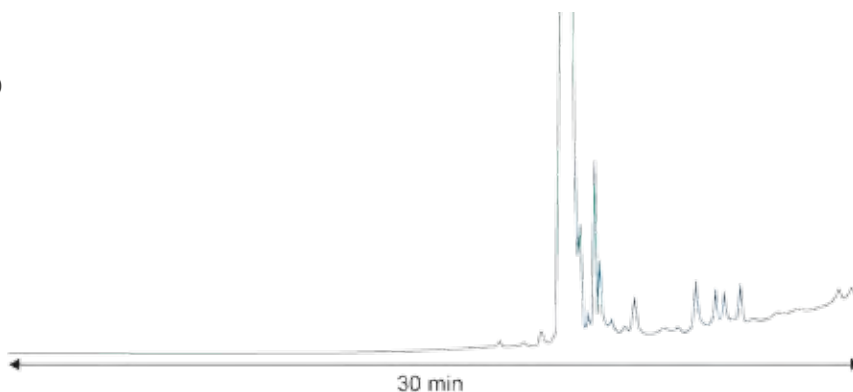
Our Delta-Pak packings are based on a highly stable 5 or 15 μm spherical silica that is bonded and end-capped. As such, they are ideal for separating peptides, proteins, and natural products. We offer Delta-Pak packings in different pore-size materials (100Å and 300Å) and with a C_{18} or C_4 bonded phase. Visit waters.com/biosep for more information.

Synthetic Peptide Separation on Delta-Pak C_{18} HPLC Column

Conditions:

Column: Delta-Pak C_{18} 300Å, 5 μm , 3.9 \times 150 mm
 Part number: WAT011793
 Sample: Synthetic peptide-neurotensin (5 mg/mL)
 Injection: 10 μL (50 μg)
 Mobile phase A: Water with 0.1% trifluoroacetic acid
 Mobile phase B: Acetonitrile with 0.1% trifluoroacetic acid
 Gradient: 0–2 min, 5% B
 Conditions: 2–27 min, 5–9% B, 30–31 min, 90–5% B
 Flow rate: 1 mL/min
 Detection: UV @ 230 nm

Note: Waters Delta-Pak C_{18} 300Å Columns (available in 5 and 15 μm particle sizes) are well suited for the analysis and laboratory-scale isolation of synthetic peptide mixtures.



Ordering Information

Delta-Pak Analytical HPLC and UHPLC Columns and Guards

Dimension	Type	Particle Size	Pore Size	Delta-Pak C_{18}	Delta-Pak C_4
2.1 \times 150 mm	Column	5 μm	300Å	WAT023650	—
3.9 \times 20 mm	Guard, 2/pk	5 μm	100Å	WAT046880 ¹	WAT046875 ¹
3.9 \times 20 mm	Guard, 2/pk	5 μm	300Å	WAT046890 ¹	WAT046885 ¹
3.9 \times 20 mm	Guard, 10/pk	5 μm	100Å	WAT036870 ¹	—
3.9 \times 150 mm	Column	5 μm	100Å	WAT011795	WAT011796
3.9 \times 150 mm	Cartridge, 10/pk	5 μm	300Å	WAT036875 ²	WAT036865 ²
3.9 \times 150 mm	Column	5 μm	300Å	WAT011793	WAT011794
Guard-Pak Holder					WAT088141
Guard-Pak In-Line Filters, 5/pk					WAT032472

¹Requires 3.9 \times 20 mm/4.6 \times 20 mm Universal Sentry Guard Holder, p/n: WAT046910.

²Requires Guard-Pak Holder, p/n: WAT088141.

Delta-Pak Preparative HPLC and UHPLC Guard Columns

Dimension	Type	Particle Size	Pore Size	Delta-Pak C_{18}	Delta-Pak C_4
3.9 \times 300 mm	Column	15 μm	100Å	WAT011797	WAT011807
3.9 \times 300 mm	Column	15 μm	300Å	WAT011802	WAT011812
7.8 \times 300 mm	Column	15 μm	100Å	WAT011798	WAT011808
7.8 \times 300 mm	Column	15 μm	300Å	WAT011803	WAT011813
19 \times 300 mm	Column	15 μm	100Å	WAT011799	WAT011809
19 \times 300 mm	Column	15 μm	300Å	WAT011804	WAT011814
30 \times 300 mm	Column	15 μm	100Å	WAT011800	WAT011810
30 \times 300 mm	Column	15 μm	300Å	WAT011805	WAT011815
50 \times 300 mm	Column	15 μm	100Å	WAT011801	—

Delta-Pak Radial Compression Preparative HPLC and UHPLC Column Segments and PrepPak Cartridges*

Dimension	Type	Particle Size	Pore Size	Delta-Pak C_{18}	Delta-Pak C_4
8 \times 100 mm	Column	15 μm	100Å	WAT025846	WAT025848
8 \times 100 mm	Column	15 μm	300Å	WAT025845	—
25 \times 100 mm	Column	15 μm	100Å	WAT038506	WAT038508
25 \times 100 mm	Column	15 μm	300Å	WAT038507	WAT038509
25 \times 10 mm	Guard, 2/pk	15 μm	100Å	WAT038520	WAT038524
25 \times 10 mm	Guard, 2/pk	15 μm	300Å	WAT038522	WAT038526
40 \times 100 mm	Column	15 μm	100Å	WAT037688	WAT037696
40 \times 100 mm	Column	15 μm	300Å	WAT037692	WAT037700
40 \times 10 mm	Guard, 2/pk	15 μm	100Å	WAT037842	—
40 \times 10 mm	Guard, 2/pk	15 μm	300Å	WAT037845	WAT037851

*All column segments and cartridges require the appropriate holder/module.