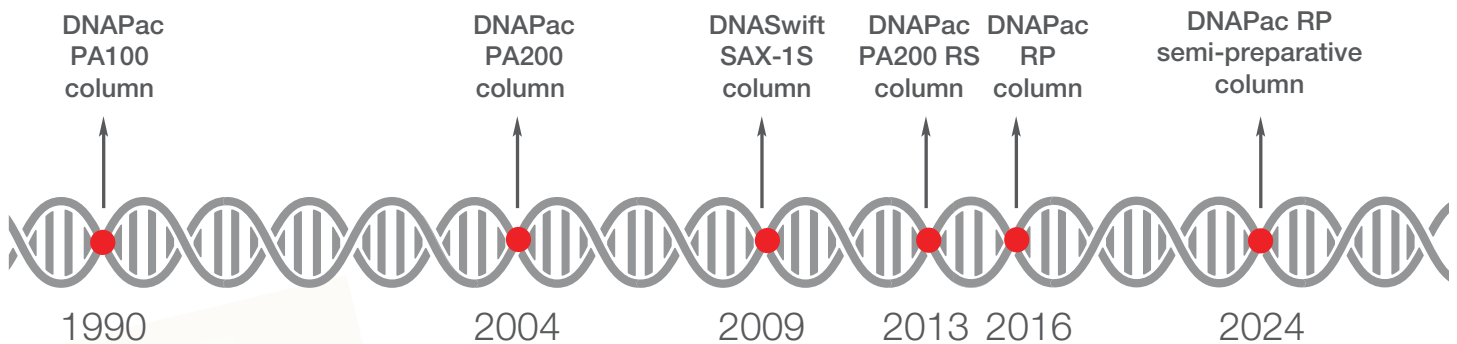
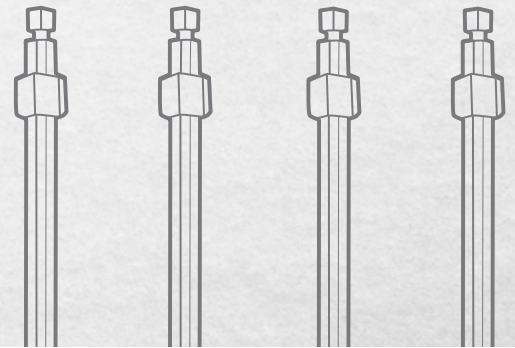


BioLC columns

Ultra-high resolution oligonucleotide separation

Thermo Scientific DNAPac columns



For over 30 years, the Thermo Scientific™ DNAPac™ Columns have been the reliable solution for high resolution ultra-high-performance liquid chromatography (UHPLC) separations. When oligonucleotide purity and characterization are critical to your work, you can rely on our anion exchange and reversed-phase column chemistries. Failure sequences and impurities generated during nucleic acid synthesis affect the quality of therapeutic oligonucleotides and molecular diagnostic primers. DNAPac columns are designed for high-resolution high-performance liquid chromatography (HPLC) and liquid chromatography-mass spectrometry (LC-MS) separations – proof of our innovative chemistries are widely referenced in hundreds of peer reviewed journal articles.

- **Thermo Scientific™ DNAPac™ PA200 and DNAPac™ PA200RS Columns** offer the highest resolution charge based oligonucleotide separations. These anion-exchange columns provide unsurpassed resolution of full length from n^{-1} , n^{+1} (and other failure sequences).
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- **Thermo Scientific™ DNASwift™ SAX-1S Monolith Column** provide high loading capacity for easy laboratory scale charge-based purification of oligonucleotide samples.

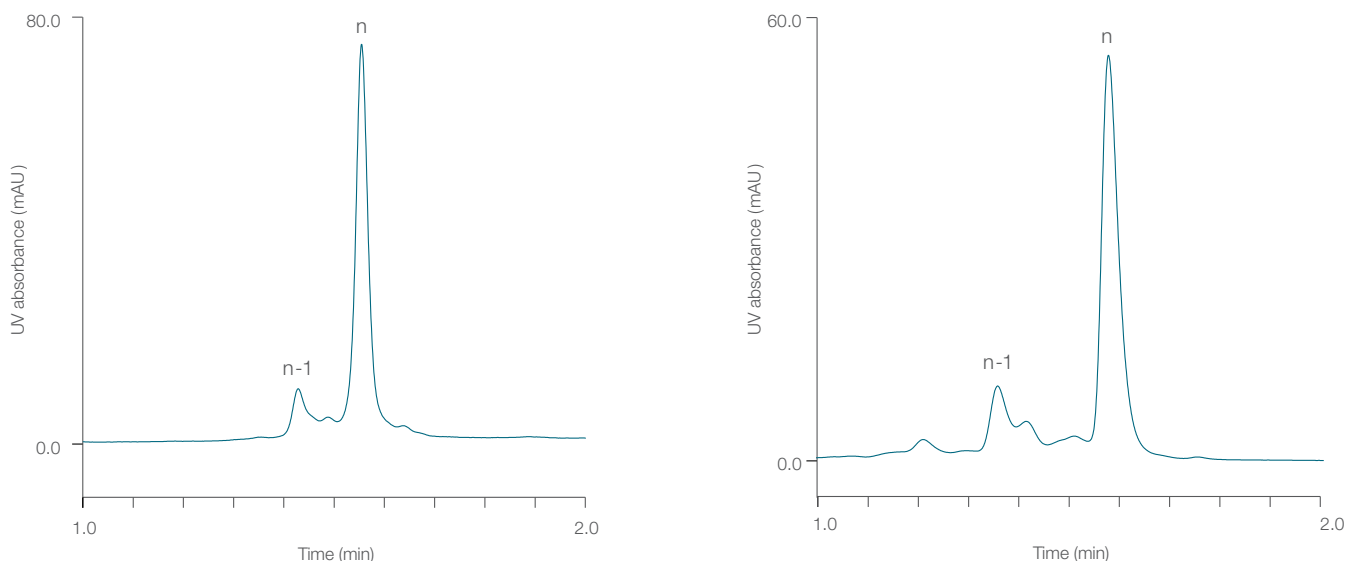


Figure 1. Combining speed and resolution, the DNAPac RP column 2.1 x 50 mm (left) and DNAPac PA200RS column 2.1 x 50 mm (right) separate 22mer DNA (n) from 21mer DNA (n-1; 3' truncated) sample

Ordering information

Description				
DNAPac PA200 Oligonucleotide columns	2.0 mm ID	4.0 mm ID	9.0 mm ID	22.0 mm ID
Standard analytical column, 8 µm, 250 mm	DX063425	DX063000	DX063421	DXSP6734
Guard column, 5 µm, 50 mm	DX063423	DX062998	03-254-135	08-878-0
DNAPac PA200RS Oligonucleotide HPLC columns	4.6 mm ID			
UHPLC column, 4 µm, 250 mm	–	DX082510	–	–
UHPLC column, 4 µm, 150 mm	–	DX082509	–	–
UHPLC column, 4 µm, 50 mm	–	DX082508	–	–
DNAPac RP columns	2.1 mm ID	3.0 mm ID	10.0 mm ID	21.2 mm ID
Analytical column, 4 µm, 250 mm	03-254-124	–	–	–
Analytical column, 4 µm, 100 mm	DX088923	DX088919	–	–
Analytical column, 4 µm, 50 mm	DX088924	DX088920	–	–
Semi-preparative column, 4 µm, 150 mm	–	–	SP6998	–
Semi-preparative column, 4 µm, 150 mm	–	–	–	03-100-097
Guard cartridges (2/pack)	DX088925	DX088921	–	03-100-098
Guard cartridge holder	DX069580	DX069580	–	95-000
DNASwift SAX-1S column	5.0 mm ID			
HPLC column, monolith, 150 mm	–	DX066766	–	–

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