

Protein analysis

Maximize efficiency in protein and antibody analysis

POROS general purpose analytical columns

Thermo Scientific™ POROS™ HPLC columns offer a highly efficient solution for analyzing recombinant proteins and antibodies. These versatile columns, including anion and cation exchange as well as reversed phase, are designed for high-throughput analysis across the bioprocessing workflow. With polymer ligands bound to robust Thermo Scientific™ POROS™ beads, these columns support robust performance in high-specificity applications. An ideal choice for biotechnology and pharmaceutical development and manufacturing, these columns offer several key benefits:

- **High binding capacity**—helps ensure robust analysis across a wide sample load of recombinant proteins
- **Rapid mass transfer**—enables faster analysis times and higher throughput
- **Exceptional mechanical stability**—supports high flow rates and robust performance in demanding applications
- **Dependable reusability**—designed for multiple cycles, enabling cost-effective and reproducible quantitation over hundreds of chromatography cycles
- **Biocompatible**—PEEK hardware minimizes protein interaction and metal contamination to enable accurate and reproducible results in sensitive biotherapeutic analysis

Ordering information

Description	Size	Volume	Cat. No.
POROS 10 and 20 µm strong anion exchange columns			
POROS HQ 10 µm Column	2.1 x 100 mm	0.3 mL	1231216
	4.6 x 50 mm	0.8 mL	1231224
	4.6 x 100 mm	1.7 mL	1231226
POROS HQ 20 µm Column	2.1 x 30 mm	0.1 mL	1232212
	4.6 x 50 mm	0.8 mL	1232224
	4.6 x 100 mm	1.7 mL	1232226
POROS HS 20 µm Column	2.1 x 30 mm	0.1 mL	1332212
	4.6 x 50 mm	0.8 mL	1332224
	4.6 x 100 mm	1.7 mL	1332226
POROS 20 µm weak anion exchange columns			
POROS PI 20 µm Column	4.6 x 50 mm	0.8 mL	1222224
	4.6 x 100 mm	1.7 mL	1222226
POROS 10 and 20 µm reversed-phase columns			
POROS R1 10 µm Column	2.1 x 30 mm	0.1 mL	1101212
	2.1 x 100 mm	0.3 mL	1101216
POROS R1 10 µm Column, Stainless Steel	2.1 x 30 mm	0.1 mL	1101412
	2.1 x 100 mm	0.3 mL	1101416
POROS R1 20 µm Column, Stainless Steel	4.6 x 100 mm	1.7 mL	1102426
POROS R2 10 µm Column	2.1 x 30 mm	0.1 mL	1111212
	2.1 x 100 mm	0.3 mL	1111216
	4.6 x 50 mm	0.8 mL	1111224
	4.6 x 100 mm	1.7 mL	1111226
POROS R2 10 µm Column, Stainless Steel	2.1 x 30 mm	0.1 mL	1111412
	2.1 x 100 mm	0.3 mL	1111416
	4.6 x 50 mm	0.8 mL	1111424
	4.6 x 100 mm	1.7 mL	1111426
POROS R2 20 µm Column	2.1 x 30 mm	0.1 mL	1112212
	4.6 x 100 mm	1.7 mL	1112226
POROS R2 20 µm Column, Stainless Steel	2.1 x 30 mm	0.1 mL	1112412
Oligo R3 Column	4.6 x 100 mm	1.7 mL	1133226
Oligo R3 Column, Stainless Steel	4.6 x 100 mm	1.7 mL	1133426

 Learn more at thermofisher.com/general-protein-analysis

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