

YMC offers a variety of columns that are ideal for the separation of oligonucleotides.

IP-RP: UHPLC / HPLC Selectivities

- Selection of C18, C8, and C4 columns
- For ion-pairing (IR-RP) UHPLC and HPLC
- pH- and temperature-stable phases
- Superior reproducibility
- Optional bioinert hardware



For helpful applications and product information, scan the QR code to view our Oligonucleotide Columns brochure.

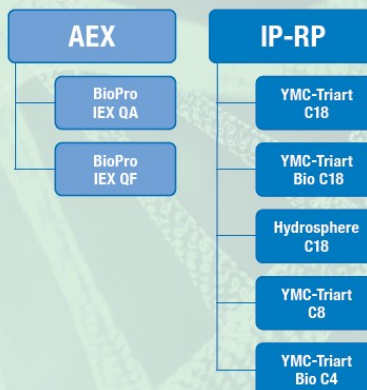
You can also access the brochure via this link:
www.ymcamerica.com/resource/ymc-oligonucleotide-columns/

AEX: YMC-BioPro IEX

- Porous or non-porous hydrophilic polymers
- High recovery of oligonucleotides
- Very high resolution
- Low nonspecific adsorption
- Excellent reproducibility



Oligonucleotides / Nucleic Acids

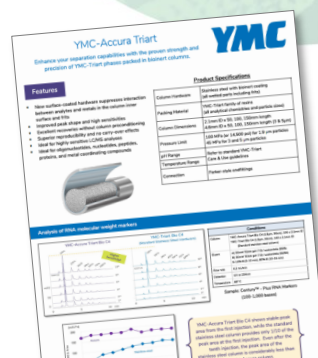


YMC-Accura Triart Bioinert Columns

YMC-Triart analytical chemistries are also available packed in surface-coated hardware that suppresses interaction between analytes and metals in the column's inner surface and frits.



Features:

- Improved peak shape and high sensitivities
- Excellent recoveries without column preconditioning
- Superior reproducibility and no carry-over effects
- Ideal for highly sensitive LC/MS analyses
- Ideal for oligonucleotides, nucleotides, peptides, proteins, and metal coordinating compounds



For more information about YMC-Accura, scan the QR code to view the brochure.

You can also access the brochure via this link:
<https://www.ymcamerica.com/resource/ymc-accura-triart/>

Mode	Product	Phase	USP Class No.	Particle Size (µm)	Pore Size (nm)	pH Range	Max Temperature
Ion Exchange 	YMC-BioPro IEX QA	Porous anion exchanger, high exchange capacity, polymethacrylate particle	-	5	100	2.0 - 12.0	60° C
	YMC-BioPro IEX QF	Non-porous anion exchanger, high throughput, polymethacrylate particle	-	3, 5	-	2.0 - 12.0	60° C
Reversed Phase 	C18	YMC-Triart C18	pH-stable organic/inorganic hybrid particle, 100% aqueous conditions possible	L1	1.9, 3, 5	12	pH < 7: 90° C pH > 7: 50° C
		YMC-Triart Bio C18	pH-stable widepore organic/inorganic hybrid particle	L1	1.9, 3, 5	30	pH < 9: 90° C pH > 9: 50° C
		Hydrosphere C18	Ultra high-purity silica, can be used in 100% aqueous eluents	L1	2, 3, 5	12	50° C
	C8	YMC-Triart C8	pH-stable organic/inorganic hybrid particle	L7	1.9, 3, 5	12	pH < 7: 90° C pH > 7: 50° C
	C4	YMC-Triart Bio C4	pH-stable widepore organic/inorganic hybrid particle	L26	1.9, 3, 5	30	pH < 7: 90° C pH > 7: 50° C

YMC-Accura Triart Bioinert Columns

Column Hardware	Stainless steel with bioinert coating (all wetted parts including frits)
Packing Material	YMC-Triart family of resins (all analytical chemistries and particle sizes)
Pressure Limit	100 MPa (or 14,500 psi) for 1.9 µm particles 45 MPa for 3 and 5 µm particles
pH Range	Refer to standard YMC-Triart Care & Use guidelines
Max Temperature	Refer to standard YMC-Triart Care & Use guidelines

