

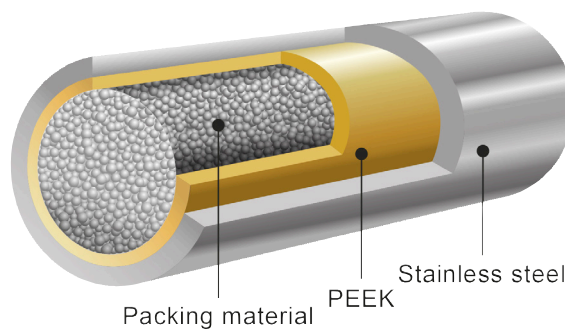
Biocompatible YMC-Triart Metal-Free Column Hardware

Features

- PEEK lined stainless steel column hardware
- Suitable for metal coordinating compounds, e.g. nucleotides, oligonucleotides
- Excellent peak shapes for sensitive compounds
- No carry-over effects
- Applicable for highly sensitive LC/MS analysis
- Same high pressure limits like standard hardware

Specifications

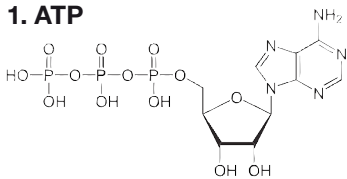
	YMC-Triart C18	YMC-Triart C8
Particle Size	1.9, 3, 5 μm	
Inner layer	PEEK	
Outer layer	Stainless steel	
Frit	PEEK	
Pressure limit	1.9 μm : 100 MPa (15,000 psi) 3/5 μm : 45 MPa (6,525 psi)	



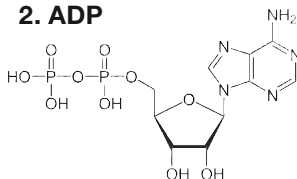
YMC-Triart C18 ExRS, Phenyl, PFP and Diol-HILIC are also available in metal-free hardware.

Improved sensitivity for coordination compounds*

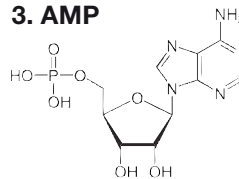
1. ATP



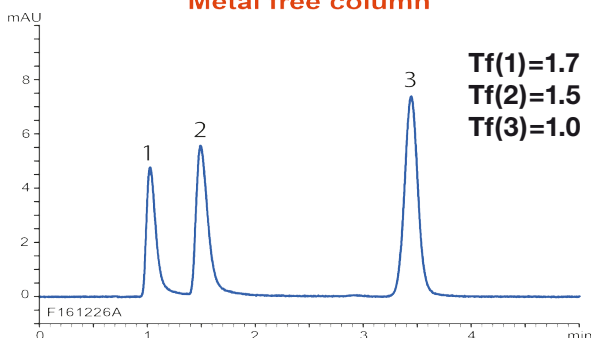
2. ADP



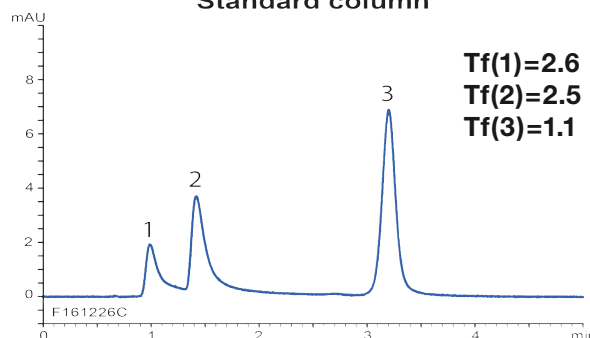
3. AMP



Metal free column



Standard column



Column: YMC-Triart C18 (3 μm) 50 x 2.1 mm ID
 Part Nos.: TA12S03-05Q1PTP (metal-free) or
 TA12S03-05Q1PTH (regular hardware)
 Eluent: 5 mM HCOONH₄
 Flow rate: 0.21 mL/min
 Temperature: 25°C
 Detection: UV at 265 nm
 Injection: 1 μL (10 mg/mL)

YMC
 EUROPE GMBH
www.ymc.de

Ordering Information

12 nm, 1.9 µm metal-free analytical columns*

Phase	Column ID [mm]	Column length [mm]		
		50	100	150
YMC-Triart C18	2.1	TA12SP9-05Q1PTP	TA12SP9-10Q1PTP	TA12SP9-15Q1PTP
YMC-Triart C8	2.1	TO12SP9-05Q1PTP	TO12SP9-10Q1PTP	TO12SP9-15Q1PTP

12 nm, 3 µm metal-free analytical columns*

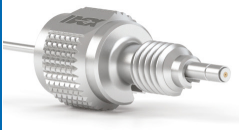

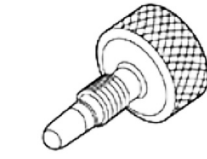

Phase	Column ID [mm]	Column length [mm]		
		50	100	150
YMC-Triart C18	2.1	TA12S03-05Q1PTP	TA12S03-10Q1PTP	TA12S03-15Q1PTP
	4.6	TA12S03-0546PTP	TA12S03-1046PTP	TA12S03-1546PTP
YMC-Triart C8	2.1	TO12S03-05Q1PTP	TO12S03-10Q1PTP	TO12S03-15Q1PTP
	4.6	TO12S03-0546PTP	TO12S03-1046PTP	TO12S03-1546PTP

12 nm, 5 µm metal-free analytical columns*

Phase	Column ID [mm]	Column length [mm]		
		50	100	150
YMC-Triart C18	2.1	TA12S05-05Q1PTP	TA12S05-10Q1PTP	TA12S05-15Q1PTP
	4.6	TA12S05-0546PTP	TA12S05-1046PTP	TA12S05-1546PTP
YMC-Triart C8	2.1	TO12S05-05Q1PTP	TO12S05-10Q1PTP	TO12S05-15Q1PTP
	4.6	TO12S05-0546PTP	TO12S05-1046PTP	TO12S05-1546PTP

*YMC-Triart C18 ExRS, Phenyl, PFP and Diol-HILIC are also available in metal-free hardware. Special column connection required. See below for recommendations.

Accessories

Recommendation	✓✓		✓	
Ferrule	no		Replaceable	
Product	MarvelX™	MarvelXACT™	Handy connector 2	Hand-tight EXP® fitting
Manufacturer	IDEX Health & Science LLC	IDEX Health & Science LLC	YMC Co., Ltd.	Optimize Technologies, Inc.
				
Pressure rating	131 MPa / 1,310 bar	131 MPa / 1,310 bar	42 MPa / 420 bar	137 MPa / 1,370 bar
Product code	e.g. UPFP-6050250	e.g. UPFP-7050250	XRP0204	XRHTF-01

MarvelX (ACT) is a registered trademark of IDEX Health & Science LLC
EXP® is a registered trademark of Optimize Technologies, Inc.

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