

TK mediterranea™ Sea₁₈ 5 μm HPLC Column

Analytical Columns 0.46 cm ID mediterranea™ sea₁₈ 5 μm

Packing	Funct.	Length		Diameter	Cat.Nbr.
		μm	cm	cm	
mediterranea	Sea18	5	3	0.46	TR-010000
mediterranea	Sea18	5	4	0.46	TR-010001
mediterranea	Sea18	5	5	0.46	TR-010002
mediterranea	Sea18	5	10	0.46	TR-010003
mediterranea	Sea18	5	15	0.46	TR-010004
mediterranea	Sea18	5	20	0.46	TR-010005
mediterranea	Sea18	5	25	0.46	TR-010006
mediterranea	Sea8	5	3	0.46	TR-010355
mediterranea	Sea8	5	4	0.46	TR-010356
mediterranea	Sea8	5	5	0.46	TR-010357
mediterranea	Sea8	5	10	0.46	TR-010358
mediterranea	Sea8	5	15	0.46	TR-010359
mediterranea	Sea8	5	20	0.46	TR-010360
mediterranea	Sea8	5	25	0.46	TR-010361
mediterranea	Sea4	5	3	0.46	TR-010362
mediterranea	Sea4	5	4	0.46	TR-010363
mediterranea	Sea4	5	5	0.46	TR-010364
mediterranea	Sea4	5	10	0.46	TR-010365
mediterranea	Sea4	5	15	0.46	TR-010366
mediterranea	Sea4	5	20	0.46	TR-010367
mediterranea	Sea4	5	25	0.46	TR-010368

Analytical Columns 0.40 mm ID mediterranea™ sea₁₈ 5 μm

Packing	Funct.	Length		Diameter	Cat.Nbr.
		μm	cm	cm	
mediterranea	Sea18	5	3	0.40	TR-010007
mediterranea	Sea18	5	4	0.40	TR-010008
mediterranea	Sea18	5	5	0.40	TR-010009
mediterranea	Sea18	5	10	0.40	TR-010010
mediterranea	Sea18	5	15	0.40	TR-010011
mediterranea	Sea18	5	20	0.40	TR-010012
mediterranea	Sea18	5	25	0.40	TR-010013
mediterranea	Sea8	5	4	0.40	TR-410368
mediterranea	Sea8	5	5	0.40	TR-410369
mediterranea	Sea8	5	10	0.40	TR-410370
mediterranea	Sea8	5	15	0.40	TR-410371
mediterranea	Sea8	5	20	0.40	TR-410372
mediterranea	Sea8	5	25	0.40	TR-410373
mediterranea	Sea4	5	3	0.40	TR-410374
mediterranea	Sea4	5	4	0.40	TR-410375
mediterranea	Sea4	5	5	0.40	TR-410376
mediterranea	Sea4	5	10	0.40	TR-410377
mediterranea	Sea4	5	15	0.40	TR-410378
mediterranea	Sea4	5	20	0.40	TR-410379
mediterranea	Sea4	5	25	0.40	TR-410380

Microbore Columns 0.21 cm ID mediterranea™ sea₁₈ 5 μm

Packing	Funct.	Length		Diameter	Cat.Nbr.
		μm	cm	cm	
mediterranea	Sea18	5	3	0.21	TR-010014
mediterranea	Sea18	5	5	0.21	TR-010015
mediterranea	Sea18	5	10	0.21	TR-010016
mediterranea	Sea18	5	15	0.21	TR-010017
mediterranea	Sea18	5	20	0.21	TR-010018
mediterranea	Sea8	5	3	0.21	TR-010381
mediterranea	Sea8	5	5	0.21	TR-010382
mediterranea	Sea8	5	10	0.21	TR-010383
mediterranea	Sea8	5	15	0.21	TR-010384
mediterranea	Sea8	5	20	0.21	TR-010385
mediterranea	Sea4	5	3	0.21	TR-010386
mediterranea	Sea4	5	5	0.21	TR-010387
mediterranea	Sea4	5	10	0.21	TR-010388
mediterranea	Sea4	5	15	0.21	TR-010389
mediterranea	Sea4	5	20	0.21	TR-010390

Microbore Columns 0.30 cm ID mediterranea™ sea₁₈ 5 μm

Packing	Funct.	Length		Diameter	Cat.Nbr.
		μm	cm	cm	
mediterranea	Sea18	5	3	0.30	TR-010019
mediterranea	Sea18	5	5	0.30	TR-010020
mediterranea	Sea18	5	10	0.30	TR-010021
mediterranea	Sea18	5	15	0.30	TR-010022
mediterranea	Sea18	5	20	0.30	TR-010023
mediterranea	Sea18	5	25	0.30	TR-010024
mediterranea	Sea8	5	3	0.30	TR-010391
mediterranea	Sea8	5	5	0.30	TR-010392
mediterranea	Sea8	5	10	0.30	TR-010393
mediterranea	Sea8	5	15	0.30	TR-010394
mediterranea	Sea8	5	20	0.30	TR-010395
mediterranea	Sea8	5	25	0.30	TR-010396
mediterranea	Sea4	5	3	0.30	TR-010397
mediterranea	Sea4	5	5	0.30	TR-010398
mediterranea	Sea4	5	10	0.30	TR-010399
mediterranea	Sea4	5	15	0.30	TR-010400
mediterranea	Sea4	5	20	0.30	TR-010401
mediterranea	Sea4	5	25	0.30	TR-010402

mediterranea™ Sea₁₈ 3 & 5 μm HPLC Column **TR**

SemiPreparative Columns

mediterranea™ sea₁₈ 5 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	5	10	0.78		TR-010025
mediterranea	Sea18	5	15	0.78		TR-010026
mediterranea	Sea18	5	25	0.78		TR-010027
mediterranea	Sea18	5	10	1.00		TR-010028
mediterranea	Sea18	5	15	1.00		TR-010029
mediterranea	Sea18	5	25	1.00		TR-010030
mediterranea	Sea18	5	5	2.12		TR-010031
mediterranea	Sea18	5	10	2.12		TR-010032
mediterranea	Sea18	5	15	2.12		TR-010033
mediterranea	Sea18	5	25	2.12		TR-010034
mediterranea	Sea8	5	10	0.78		TR-010403
mediterranea	Sea8	5	15	0.78		TR-010404
mediterranea	Sea8	5	25	0.78		TR-010405
mediterranea	Sea8	5	10	1.00		TR-010406
mediterranea	Sea8	5	15	1.00		TR-010407
mediterranea	Sea8	5	25	1.00		TR-010408
mediterranea	Sea8	5	5	2.12		TR-010409
mediterranea	Sea8	5	10	2.12		TR-010410
mediterranea	Sea8	5	15	2.12		TR-010411
mediterranea	Sea8	5	25	2.12		TR-010412
mediterranea	Sea4	5	10	0.78		TR-010413
mediterranea	Sea4	5	15	0.78		TR-010414
mediterranea	Sea4	5	25	0.78		TR-010415
mediterranea	Sea4	5	10	1.00		TR-010416
mediterranea	Sea4	5	15	1.00		TR-010417
mediterranea	Sea4	5	25	1.00		TR-010418
mediterranea	Sea4	5	5	2.12		TR-010419
mediterranea	Sea4	5	10	2.12		TR-010420
mediterranea	Sea4	5	15	2.12		TR-010421
mediterranea	Sea4	5	25	2.12		TR-010422

Novafix™ Cartridges 0.40 cm ID

mediterranea™ sea₁₈ 5 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	5	7,5	0.40		TR-010035
mediterranea	Sea18	5	10	0.40		TR-010036
mediterranea	Sea18	5	15	0.40		TR-010037
mediterranea	Sea18	5	25	0.40		TR-010038
mediterranea	Sea8	5	7,5	0.40		TR-010423
mediterranea	Sea8	5	10	0.40		TR-010424
mediterranea	Sea8	5	15	0.40		TR-010425
mediterranea	Sea8	5	25	0.40		TR-010426
mediterranea	Sea4	5	7,5	0.40		TR-010427
mediterranea	Sea4	5	10	0.40		TR-010428
mediterranea	Sea4	5	15	0.40		TR-010429
mediterranea	Sea4	5	25	0.40		TR-010430

Ultrarapid Columns 0.46 cm ID

mediterranea™ sea₁₈ 3 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	3	3	0.46		TR-010039
mediterranea	Sea18	3	4	0.46		TR-010040
mediterranea	Sea18	3	5	0.46		TR-010041
mediterranea	Sea18	3	10	0.46		TR-010042
mediterranea	Sea18	3	15	0.46		TR-010043
mediterranea	Sea18	3	20	0.46		TR-010044
mediterranea	Sea18	3	25	0.46		TR-010045
mediterranea	Sea8	3	3	0.46		TR-010431
mediterranea	Sea8	3	4	0.46		TR-010432
mediterranea	Sea8	3	5	0.46		TR-010433
mediterranea	Sea8	3	10	0.46		TR-010434
mediterranea	Sea8	3	15	0.46		TR-010435
mediterranea	Sea8	3	20	0.46		TR-010436
mediterranea	Sea8	3	25	0.46		TR-010437
mediterranea	Sea4	3	3	0.46		TR-010438
mediterranea	Sea4	3	4	0.46		TR-010439
mediterranea	Sea4	3	5	0.46		TR-010440
mediterranea	Sea4	3	10	0.46		TR-010441
mediterranea	Sea4	3	15	0.46		TR-010442
mediterranea	Sea4	3	20	0.46		TR-010443
mediterranea	Sea4	3	25	0.46		TR-010444

Ultrarapid Columns 0.40 cm ID

mediterranea™ sea₁₈ 3 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	3	3	0.40		TR-010046
mediterranea	Sea18	3	4	0.40		TR-010047
mediterranea	Sea18	3	5	0.40		TR-010048
mediterranea	Sea18	3	10	0.40		TR-010049
mediterranea	Sea18	3	15	0.40		TR-010050
mediterranea	Sea18	3	20	0.40		TR-010051
mediterranea	Sea18	3	25	0.40		TR-010052
mediterranea	Sea8	3	3	0.40		TR-410431
mediterranea	Sea8	3	4	0.40		TR-410432
mediterranea	Sea8	3	5	0.40		TR-410433
mediterranea	Sea8	3	10	0.40		TR-410434
mediterranea	Sea8	3	15	0.40		TR-410435
mediterranea	Sea8	3	20	0.40		TR-410436
mediterranea	Sea8	3	25	0.40		TR-410437
mediterranea	Sea4	3	3	0.40		TR-410438
mediterranea	Sea4	3	4	0.40		TR-410439
mediterranea	Sea4	3	5	0.40		TR-410440
mediterranea	Sea4	3	10	0.40		TR-410441
mediterranea	Sea4	3	15	0.40		TR-410442
mediterranea	Sea4	3	20	0.40		TR-410443
mediterranea	Sea4	3	25	0.40		TR-410444

TK mediterranea™ Sea₁₈ 3 µm HPLC Column

Microbore Columns 0.21 cm ID

mediterranea™ sea₁₈ 3 µm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		µm	cm	cm	cm	
mediterranea	Sea18	3	3	0.21		TR-010053
mediterranea	Sea18	3	5	0.21		TR-010054
mediterranea	Sea18	3	10	0.21		TR-010055
mediterranea	Sea18	3	15	0.21		TR-010056
mediterranea	Sea18	3	20	0.21		TR-010057
mediterranea	Sea8	3	3	0.21		TR-010445
mediterranea	Sea8	3	5	0.21		TR-010446
mediterranea	Sea8	3	10	0.21		TR-010447
mediterranea	Sea8	3	15	0.21		TR-010448
mediterranea	Sea8	3	20	0.21		TR-010449
mediterranea	Sea4	3	3	0.21		TR-010450
mediterranea	Sea4	3	5	0.21		TR-010451
mediterranea	Sea4	3	10	0.21		TR-010452
mediterranea	Sea4	3	15	0.21		TR-010453
mediterranea	Sea4	3	20	0.21		TR-010454

Microbore Columns 0.30 cm ID

mediterranea™ sea₁₈ 3 µm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		µm	cm	cm	cm	
mediterranea	Sea18	3	3	0.30		TR-010058
mediterranea	Sea18	3	5	0.30		TR-010059
mediterranea	Sea18	3	10	0.30		TR-010060
mediterranea	Sea18	3	15	0.30		TR-010061
mediterranea	Sea18	3	20	0.30		TR-010062
mediterranea	Sea8	3	3	0.30		TR-010455
mediterranea	Sea8	3	5	0.30		TR-010456
mediterranea	Sea8	3	10	0.30		TR-010457
mediterranea	Sea8	3	15	0.30		TR-010458
mediterranea	Sea8	3	20	0.30		TR-010459
mediterranea	Sea4	3	3	0.30		TR-010460
mediterranea	Sea4	3	5	0.30		TR-010461
mediterranea	Sea4	3	10	0.30		TR-010462
mediterranea	Sea4	3	15	0.30		TR-010463
mediterranea	Sea4	3	20	0.30		TR-010464

Novafix™ Cartridges 0.40 cm ID

mediterranea™ sea₁₈ 3 µm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		µm	cm	cm	cm	
mediterranea	Sea18	3	7,5	0.40		TR-010063
mediterranea	Sea18	3	10	0.40		TR-010064
mediterranea	Sea18	3	15	0.40		TR-010065
mediterranea	Sea18	3	25	0.40		TR-010066
mediterranea	Sea8	3	7,5	0.40		TR-010465
mediterranea	Sea8	3	10	0.40		TR-010466
mediterranea	Sea8	3	15	0.40		TR-010467
mediterranea	Sea8	3	25	0.40		TR-010468
mediterranea	Sea4	3	7,5	0.40		TR-010469
mediterranea	Sea4	3	10	0.40		TR-010470
mediterranea	Sea4	3	15	0.40		TR-010471
mediterranea	Sea4	3	25	0.40		TR-010472

Other Products

mediterranea™ sea₁₈

Product	Description	Cat.Nbr.
Ultrafilter™	Ultrafit prefilter adaptor (frit not included)	TR-010067



Frits of 0.5 µm pore (10 units)	TR-010069
Frits of 2.0 µm pore (10 units)	TR-010070

Product	Description	Cat.Nbr.
Ultraguard™	Ultrafit Guardcolumn adaptor (guard column not included)	TR-010068



Guard Column Sea18 10 x 3.2 mm (5 units)	TR-010071
Guard Column Sea8 10 x 3.2 mm (5 units)	TR-010073
Guard Column Sea4 10 x 3.2 mm (5 units)	TR-010074

mediterranea™ Sea₁₈ New UHPLC Columns **Tk**

mediterranea UHPLC



mediterranea™ Sea18 1.8 μm

- Ideal for LC-MS applications
- Fully scalable to Industrial Chromatography
- Compatible with 100% aqueous mobile phases
- Robustness and versatility
- Very high efficiency

mediterranea™ sea18 1.8 μm columns have been developed based on the same material as the recognized 5μm column. The result is a column with high efficiency, high reliability and full scalability from UHPLC analytical chromatography to industrial process chromatography.

mediterranea™ sea18 1.8 μm columns are available in 1.8, 2.2, 3, 5, 10, and 15 μm. Its versatility allows the separation of both nonpolar and polar substances, and its robustness to extreme pH values (1.5 to 11) makes it the ideal column for methods development

mediterranea™ sea18 1.8 μm has been developed to offer the highest quality and reproducibility. Teknokroma checks rigorously both each packing batch and every single column.

UHPLC Columns

mediterranea™ sea₁₈ 1.8 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	1.8	5	0.21		TR-010902
mediterranea	Sea18	1.8	10	0.21		TR-010903
mediterranea	Sea18	1.8	15	0.21		TR-010906
mediterranea	Sea18	1.8	5	0.30		TR-010904
mediterranea	Sea18	1.8	10	0.46		TR-010907
mediterranea	Sea18	1.8	15	0.46		TR-010908

UHPLC Guardcolumns

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
Holder + 2 Cartridges	C18	1.9	1	0.21		GL-5020-88246
2 Cartridges	C18	1.9	1	0.21		GL-5020-88240
Holder + 2 Cartridges	C18	1.9	1	0.30		GL-5020-88248
2 Cartridges	C18	1.9	1	0.30		GL-5020-88242



GL-5020-20382



JR-69330-05

mediterranea™ Sea18 2.2 μm

- Reduces analysis costs with no resolution loss
- Less backpressure than 1.8 μm columns
- High flow rates with no efficiency loss
- Reduces solvent consumption
- Ideal for LC-MS applications

mediterranea™ sea18 2.2 μm is a transitional column fully compatible with cutting-edge HPLC and UHPLC systems, radically improving analysis performance and halving retention times.

The material used for the development of **mediterranea™ sea18 2.2 μm** columns is an ultra-pure, metal-free, state-of-the-art silica gel packing, with a particle size of 2.2 μm and a pore size of 100Å. **mediterranea™ sea18 2.2 μm** uses state-of-the-art silica and the latest bonding and endcapping technology. Compatible with a 100% aqueous mobile phase and it stands extreme pH conditions (1 to 12).

mediterranea™ sea18 2.2 μm has been developed to offer the highest quality and reproducibility. Teknokroma checks rigorously both each packing batch and every single column.

UHPLC Columns

mediterranea™ sea₁₈ 2.2 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	2.2	5	0.21		TR-010900
mediterranea	Sea18	2.2	10	0.21		TR-010901
mediterranea	Sea18	2.2	15	0.21		TR-010921

UHPLC Guardcolumns

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
Holder + 2 Cartridges	C18	2	1	0.21		GL-5020-20382
2 Cartridges	C18	2	1	0.21		GL-5020-20331
Holder + 2 Cartridges	C18	2	1	0.30		GL-5020-20399
2 Cartridges	C18	2	1	0.30		GL-5020-20348

UHPLC Guardcolumn Filter

Description	Pore		Inter.Volume	Cat.Nbr.
	μm	μL		
Stainless Steel Precolumn Filter	0.5	0.61		JR-69330-05
Stainless Steel Precolumn Filter	2	0.66		JR-69330-2
Stainless Steel Precolumn Filter	5	0.68		JR-69330-5