mediterranea uhplc ™

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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™ sea 1.8 µm

Packing	Funct.	µm	Length cm	Diameter cm	Cat.Nbr.
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	0.30	**TR-010909**
mediterranea	Sea18	1.8	5	0.46	**TR-010905**
mediterranea	Sea18	1.8	10	0.46	**TR-010907**
mediterranea	Sea18	1.8	15	0.46	**TR-010908**

UHPLC Guardcolumns

	Packing cm	Cat.Nbr.	Funct.	µm	Length cm	Diameter 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 developement 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™ sea 2.2 µm

Packing	Funct.	µm	Length cm	Diameter cm	Cat.Nbr.
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**
mediterranea	Sea18	2.2	5	0.30	**TR-010941**
mediterranea	Sea18	2.2	10	0.30	**TR-010942**
mediterranea	Sea18	2.2	5	0.46	**TR-010930**
mediterranea	Sea18	2.2	10	0.46	**TR-010935**

UHPLC Guardcolumns

Packing	Funct.	µm	Length cm	Diameter cm	Cat.Nbr.
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 µm	Inter.Volume µL	Cat.Nbr.
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**