

### Available Analytical and Preparative HPLC Columns

Column Type	Dimension (mm)	Particle/Pore Size (µm/Å)	Brand	Compound Type	Solvent Type			Part Number
					Aqueous: water or water with 0.1% formic acid	Aqueous: water or water with 0.05% trifluoroacetic acid	Aqueous: water or water with 0.05% trifluoroacetic acid	
					Organic: acetonitrile or acetonitrile with 0.1% formic acid	Organic: acetonitrile, methanol, isopropanol, (with/without 0.05% trifluoroacetic acid)	Organic: acetonitrile, methanol, isopropanol, (with/without 0.05% trifluoroacetic acid)	
Analytical C18	50 x 2.1	1.7	Waters	polar for wide pH range (1-12)	<b>X</b>			186002350
Analytical C18 (Eclipse XDB)	150 x 4.6	5	Agilent	basic	<b>X</b>			993967-902
Analytical C8	50 x 4.6	5/100	Luna	hydrophobic	<b>X</b>	<b>X</b>		00B-4249-E0
Analytical C8	150 x 4.6	5/100	Luna	hydrophobic	<b>X</b>			00F-4249-E0
Analytical C8 (Eclipse XDB)	150 x 4.6	5	Agilent	basic	<b>X</b>			993967-906
Analytical CN	50 x 4.6	5/100	Luna	polar	<b>X</b>	<b>X</b>		00B-4255-E0
Analytical CN	150 x 4.6	5/100	Luna	polar	<b>X</b>			00F-4255-E0
Analytical Polar-RP	50 x 4.6	Apr-80	Synergi	polar, aromatic	<b>X</b>	<b>X</b>		00B-4336-E0
Analytical Polar-RP	150 x 4.6	Apr-80	Synergi	polar, aromatic	<b>X</b>			00F-4336-E0
Prep C18	250 x 30	10	Agilent	acidic, basic, and highly polar	<b>X</b>			410910-302
Prep C18	150 x 21.2	5	Agilent	acidic, basic, and highly polar	<b>X</b>			443905-102
Prep C18	250 x 10	5/110	Gemini-NX	High efficiency analytical or preparative separations under extreme pH conditions	<b>X</b>			00G-4454-N0
Prep C18	75 x 30	5/110	Gemini-NX	extreme pH conditions	<b>X</b>			00C-4454-U0-AX
Prep C18	75 x 21	5/110	Gemini-NX	acidic, basic, and highly polar	<b>X</b>			00C-4454-PO-AX
Prep C18	75 x 4.6	5/110	Gemini-NX	High efficiency analytical or preparative separations under extreme pH conditions	<b>X</b>			00C-4454-E0
Prep C18	150 x 21.2	5/110	Gemini-NX	High efficiency analytical separations	<b>X</b>		<b>X</b>	00F-4454-AX
Prep C18	50 x 30	5/100	Kinetex	acidic, basic, and polar	<b>X</b>			00B-4601-U0-AX
Prep C8	150 x 21.2	5/100	Luna	hydrophobic	<b>X</b>			00F-4249-AX
Prep CN	150 x 21.2	5/100	Luna	polar	<b>X</b>			00F-4255-AX
Prep Polar-RP	150 x 21.2	Apr-80	Synergi	polar, aromatic	<b>X</b>			00F-4336-AX
Semiprep C18	50 x 9.4	5	Agilent	acidic, basic, and highly polar	<b>X</b>			846975-202
Semiprep C18	150 x 4.6	5	Agilent	acidic, basic, and highly polar	<b>X</b>			443905-902

For column inquiries, please contact our team at [drugdiscovery@northwestern.edu](mailto:drugdiscovery@northwestern.edu).