

PLEASE NOTE

Some NP columns (CN, NH₂) have been evaluated and stored on Heptane/Ethyl Acetate.
This is immiscible with water.

If you wish to use an aqueous eluent please ensure that you first completely remove all trace of the storage solvent by following an appropriate flushing protocol. For example:

- a) ≥ 10 column volumes of Ethyl Acetate
- b) ≥ 20 column volumes of Methanol
- c) ≥ 10 column volumes of suitable Organic/Water mixture
(e.g. 50:50 MeOH / H₂O if using the eluent below)
- d) ≥ 10 column volumes of intended eluent
(e.g. 50:50 MeOH / 100mM Phosphate buffer pH 3.5)*

* Step d) may be omitted if it is not your intention to use a buffered eluent.

Where a buffer is to be used please ensure it is adequately removed from the column prior to storage.

Column dimensions I.D. x L(mm)	Column volume (mL)
1.0 x 100	0.06
1.0 x 150	0.08
1.0 x 250	0.14
2.1 x 100	0.24
2.1 x 150	0.37
2.1 x 250	0.61
4.6 x 100	1.16
4.6 x 150	1.75
4.6 x 250	2.90
7.8 x 100	3.35
7.8 x 150	5.02
7.8 x 250	8.36
10.0 x 100	5.50
10.0 x 150	8.25
10.0 x 250	13.75
21.0 x 100	24.25
21.0 x 150	36.37
21.0 x 250	60.61
50.0 x 100	137.45
50.0 x 150	206.17
50.0 x 250	343.61

* Note : Assumes an Average Pore Volume of 0.70

see more at http://hplc.eu/Downloads/HPLC_calculator_MTS.xls