

## 2011-2012 ZirChrom Analytical Column Pricing, 3 micron particles

Part #	Description	Particle Size	Column Dimensions	List (U.S. \$)
DB01-0521	DiamondBond®-C18	3 micron	50 x 2.1 mm i.d.	743.00
DB01-0546	DiamondBond®-C18	3 micron	50 x 4.6 mm i.d.	743.00
DB01-1021	DiamondBond®-C18	3 micron	100 x 2.1 mm i.d.	743.00
DB01-1046	DiamondBond®-C18	3 micron	100 x 4.6 mm i.d.	743.00
DB01-1521	DiamondBond®-C18	3 micron	150 x 2.1 mm i.d.	765.00
DB01-1546	DiamondBond®-C18	3 micron	150 x 4.6 mm i.d.	765.00
DB01-2521	DiamondBond®-C18	3 micron	250 x 2.1 mm i.d.	810.00
DB01-2546	DiamondBond®-C18	3 micron	250 x 4.6 mm i.d.	810.00
EZ01-0521	ZirChrom®-EZ	3 micron	50 x 2.1 mm i.d.	633.00
EZ01-0546	ZirChrom®-EZ	3 micron	50 x 4.6 mm i.d.	633.00
EZ01-1021	ZirChrom®-EZ	3 micron	100 x 2.1 mm i.d.	633.00
EZ01-1046	ZirChrom®-EZ	3 micron	100 x 4.6 mm i.d.	633.00
EZ01-1521	ZirChrom®-EZ	3 micron	150 x 2.1 mm i.d.	655.00
EZ01-1546	ZirChrom®-EZ	3 micron	150 x 4.6 mm i.d.	655.00
EZ01-2521	ZirChrom®-EZ	3 micron	250 x 2.1 mm i.d.	699.00
EZ01-2546	ZirChrom®-EZ	3 micron	250 x 4.6 mm i.d.	699.00
MK01-0521	Method Development Kit #1	3 micron	50 x 2.1 mm i.d.	1427.00
MK01-0546	Method Development Kit #1	3 micron	50 x 4.6 mm i.d.	1427.00
MK01-1021	Method Development Kit #1	3 micron	100 x 2.1 mm i.d.	1427.00
MK01-1046	Method Development Kit #1	3 micron	100 x 4.6 mm i.d.	1427.00
MK01-1521	Method Development Kit #1	3 micron	150 x 2.1 mm i.d.	1427.00
MK01-1546	Method Development Kit #1	3 micron	150 x 4.6 mm i.d.	1427.00
MK02-0521	Method Development Kit #2	3 micron	50 x 2.1 mm i.d.	1427.00
MK02-0546	Method Development Kit #2	3 micron	50 x 4.6 mm i.d.	1427.00
MK02-1021	Method Development Kit #2	3 micron	100 x 2.1 mm i.d.	1427.00
MK02-1046	Method Development Kit #2	3 micron	100 x 4.6 mm i.d.	1427.00
MK02-1521	Method Development Kit #2	3 micron	150 x 2.1 mm i.d.	1427.00
MK02-1546	Method Development Kit #2	3 micron	150 x 4.6 mm i.d.	1427.00
MK03-0521	Method Development Kit #3	3 micron	50 x 2.1 mm i.d.	1427.00
MK03-0546	Method Development Kit #3	3 micron	50 x 4.6 mm i.d.	1427.00
MK03-1021	Method Development Kit #3	3 micron	100 x 2.1 mm i.d.	1427.00
MK03-1046	Method Development Kit #3	3 micron	100 x 4.6 mm i.d.	1427.00
MK03-1521	Method Development Kit #3	3 micron	150 x 2.1 mm i.d.	1427.00
MK03-1546	Method Development Kit #3	3 micron	150 x 4.6 mm i.d.	1427.00
MK04-0521	Method Development Kit #4	3 micron	50 x 2.1 mm i.d.	1427.00
MK04-0546	Method Development Kit #4	3 micron	50 x 4.6 mm i.d.	1427.00
MK04-1021	Method Development Kit #4	3 micron	100 x 2.1 mm i.d.	1427.00
MK04-1046	Method Development Kit #4	3 micron	100 x 4.6 mm i.d.	1427.00
MK04-1521	Method Development Kit #4	3 micron	150 x 2.1 mm i.d.	1427.00
MK04-1546	Method Development Kit #4	3 micron	150 x 4.6 mm i.d.	1427.00
MS01-0521	ZirChrom®-MS	3 micron	50 x 2.1 mm i.d.	633.00
MS01-0546	ZirChrom®-MS	3 micron	50 x 4.6 mm i.d.	633.00
MS01-1021	ZirChrom®-MS	3 micron	100 x 2.1 mm i.d.	633.00
MS01-1046	ZirChrom®-MS	3 micron	100 x 4.6 mm i.d.	633.00
MS01-1521	ZirChrom®-MS	3 micron	150 x 2.1 mm i.d.	655.00
MS01-1546	ZirChrom®-MS	3 micron	150 x 4.6 mm i.d.	655.00
MS01-2521	ZirChrom®-MS	3 micron	250 x 2.1 mm i.d.	699.00
MS01-2546	ZirChrom®-MS	3 micron	250 x 4.6 mm i.d.	699.00

**2011-2012 ZirChrom Analytical Column Pricing, 3 micron particles**

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)</b>
TI01-0521	Sachtopore-RP	3 micron	50 x 2.1 mm i.d.	633.00
TI01-0546	Sachtopore-RP	3 micron	50 x 4.6 mm i.d.	633.00
TI01-1021	Sachtopore-RP	3 micron	100 x 2.1 mm i.d.	633.00
TI01-1046	Sachtopore-RP	3 micron	100 x 4.6 mm i.d.	633.00
TI01-1521	Sachtopore-RP	3 micron	150 x 2.1 mm i.d.	655.00
TI01-1546	Sachtopore-RP	3 micron	150 x 4.6 mm i.d.	655.00
TI01-2521	Sachtopore-RP	3 micron	250 x 2.1 mm i.d.	699.00
TI01-2546	Sachtopore-RP	3 micron	250 x 4.6 mm i.d.	699.00
TI02-0521	Sachtopore-NP	3 micron	50 x 2.1 mm i.d.	633.00
TI02-0546	Sachtopore-NP	3 micron	50 x 4.6 mm i.d.	633.00
TI02-1021	Sachtopore-NP	3 micron	100 x 2.1 mm i.d.	633.00
TI02-1046	Sachtopore-NP	3 micron	100 x 4.6 mm i.d.	633.00
TI02-1521	Sachtopore-NP	3 micron	150 x 2.1 mm i.d.	655.00
TI02-1546	Sachtopore-NP	3 micron	150 x 4.6 mm i.d.	655.00
TI02-2521	Sachtopore-NP	3 micron	250 x 2.1 mm i.d.	699.00
TI02-2546	Sachtopore-NP	3 micron	250 x 4.6 mm i.d.	699.00
ZR01-0521	ZirChrom®-CARB	3 micron	50 x 2.1 mm i.d.	743.00
ZR01-0546	ZirChrom®-CARB	3 micron	50 x 4.6 mm i.d.	743.00
ZR01-1021	ZirChrom®-CARB	3 micron	100 x 2.1 mm i.d.	743.00
ZR01-1046	ZirChrom®-CARB	3 micron	100 x 4.6 mm i.d.	743.00
ZR01-1521	ZirChrom®-CARB	3 micron	150 x 2.1 mm i.d.	765.00
ZR01-1546	ZirChrom®-CARB	3 micron	150 x 4.6 mm i.d.	765.00
ZR01-2521	ZirChrom®-CARB	3 micron	250 x 2.1 mm i.d.	810.00
ZR01-2546	ZirChrom®-CARB	3 micron	250 x 4.6 mm i.d.	810.00
ZR02-0521	ZirChrom®-PHASE	3 micron	50 x 2.1 mm i.d.	633.00
ZR02-0546	ZirChrom®-PHASE	3 micron	50 x 4.6 mm i.d.	633.00
ZR02-1021	ZirChrom®-PHASE	3 micron	100 x 2.1 mm i.d.	633.00
ZR02-1046	ZirChrom®-PHASE	3 micron	100 x 4.6 mm i.d.	633.00
ZR02-1521	ZirChrom®-PHASE	3 micron	150 x 2.1 mm i.d.	655.00
ZR02-1546	ZirChrom®-PHASE	3 micron	150 x 4.6 mm i.d.	655.00
ZR02-2521	ZirChrom®-PHASE	3 micron	250 x 2.1 mm i.d.	699.00
ZR02-2546	ZirChrom®-PHASE	3 micron	250 x 4.6 mm i.d.	699.00
ZR03-0521	ZirChrom®-PBD	3 micron	50 x 2.1 mm i.d.	633.00
ZR03-0546	ZirChrom®-PBD	3 micron	50 x 4.6 mm i.d.	633.00
ZR03-1021	ZirChrom®-PBD	3 micron	100 x 2.1 mm i.d.	633.00
ZR03-1046	ZirChrom®-PBD	3 micron	100 x 4.6 mm i.d.	633.00
ZR03-1521	ZirChrom®-PBD	3 micron	150 x 2.1 mm i.d.	655.00
ZR03-1546	ZirChrom®-PBD	3 micron	150 x 4.6 mm i.d.	655.00
ZR03-2521	ZirChrom®-PBD	3 micron	250 x 2.1 mm i.d.	699.00
ZR03-2546	ZirChrom®-PBD	3 micron	250 x 4.6 mm i.d.	699.00
ZR04-0521	ZirChrom®-WCX	3 micron	50 x 2.1 mm i.d.	633.00
ZR04-0546	ZirChrom®-WCX	3 micron	50 x 4.6 mm i.d.	633.00
ZR04-1021	ZirChrom®-WCX	3 micron	100 x 2.1 mm i.d.	633.00
ZR04-1046	ZirChrom®-WCX	3 micron	100 x 4.6 mm i.d.	633.00
ZR04-1521	ZirChrom®-WCX	3 micron	150 x 2.1 mm i.d.	655.00
ZR04-1546	ZirChrom®-WCX	3 micron	150 x 4.6 mm i.d.	655.00
ZR04-2521	ZirChrom®-WCX	3 micron	250 x 2.1 mm i.d.	699.00
ZR04-2546	ZirChrom®-WCX	3 micron	250 x 4.6 mm i.d.	699.00

**2011-2012 ZirChrom Analytical Column Pricing, 3 micron particles**

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)</b>
ZR05-0521	ZirChrom®-WAX	3 micron	50 x 2.1 mm i.d.	633.00
ZR05-0546	ZirChrom®-WAX	3 micron	50 x 4.6 mm i.d.	633.00
ZR05-1021	ZirChrom®-WAX	3 micron	100 x 2.1 mm i.d.	633.00
ZR05-1046	ZirChrom®-WAX	3 micron	100 x 4.6 mm i.d.	633.00
ZR05-1521	ZirChrom®-WAX	3 micron	150 x 2.1 mm i.d.	655.00
ZR05-1546	ZirChrom®-WAX	3 micron	150 x 4.6 mm i.d.	655.00
ZR05-2521	ZirChrom®-WAX	3 micron	250 x 2.1 mm i.d.	699.00
ZR05-2546	ZirChrom®-WAX	3 micron	250 x 4.6 mm i.d.	699.00
ZR06-0521	ZirChrom®-SAX	3 micron	50 x 2.1 mm i.d.	633.00
ZR06-0546	ZirChrom®-SAX	3 micron	50 x 4.6 mm i.d.	633.00
ZR06-1021	ZirChrom®-SAX	3 micron	100 x 2.1 mm i.d.	633.00
ZR06-1046	ZirChrom®-SAX	3 micron	100 x 4.6 mm i.d.	633.00
ZR06-1521	ZirChrom®-SAX	3 micron	150 x 2.1 mm i.d.	655.00
ZR06-1546	ZirChrom®-SAX	3 micron	150 x 4.6 mm i.d.	655.00
ZR06-2521	ZirChrom®-SAX	3 micron	250 x 2.1 mm i.d.	699.00
ZR06-2546	ZirChrom®-SAX	3 micron	250 x 4.6 mm i.d.	699.00
ZR07-0521	ZirChrom®-SHAX	3 micron	50 x 2.1 mm i.d.	633.00
ZR07-0546	ZirChrom®-SHAX	3 micron	50 x 4.6 mm i.d.	633.00
ZR07-1021	ZirChrom®-SHAX	3 micron	100 x 2.1 mm i.d.	633.00
ZR07-1046	ZirChrom®-SHAX	3 micron	100 x 4.6 mm i.d.	633.00
ZR07-1521	ZirChrom®-SHAX	3 micron	150 x 2.1 mm i.d.	655.00
ZR07-1546	ZirChrom®-SHAX	3 micron	150 x 4.6 mm i.d.	655.00
ZR07-2521	ZirChrom®-SHAX	3 micron	250 x 2.1 mm i.d.	699.00
ZR07-2546	ZirChrom®-SHAX	3 micron	250 x 4.6 mm i.d.	699.00
ZR08-0521	ZirChrom®-PEZ	3 micron	50 x 2.1 mm i.d.	633.00
ZR08-0546	ZirChrom®-PEZ	3 micron	50 x 4.6 mm i.d.	633.00
ZR08-1021	ZirChrom®-PEZ	3 micron	100 x 2.1 mm i.d.	633.00
ZR08-1046	ZirChrom®-PEZ	3 micron	100 x 4.6 mm i.d.	633.00
ZR08-1521	ZirChrom®-PEZ	3 micron	150 x 2.1 mm i.d.	655.00
ZR08-1546	ZirChrom®-PEZ	3 micron	150 x 4.6 mm i.d.	655.00
ZR08-2521	ZirChrom®-PEZ	3 micron	250 x 2.1 mm i.d.	699.00
ZR08-2546	ZirChrom®-PEZ	3 micron	250 x 4.6 mm i.d.	699.00
ZR09-0521	ZirChrom®-PS	3 micron	50 x 2.1 mm i.d.	633.00
ZR09-0546	ZirChrom®-PS	3 micron	50 x 4.6 mm i.d.	633.00
ZR09-1021	ZirChrom®-PS	3 micron	100 x 2.1 mm i.d.	633.00
ZR09-1046	ZirChrom®-PS	3 micron	100 x 4.6 mm i.d.	633.00
ZR09-1521	ZirChrom®-PS	3 micron	150 x 2.1 mm i.d.	655.00
ZR09-1546	ZirChrom®-PS	3 micron	150 x 4.6 mm i.d.	655.00
ZR09-2521	ZirChrom®-PS	3 micron	250 x 2.1 mm i.d.	699.00
ZR09-2546	ZirChrom®-PS	3 micron	250 x 4.6 mm i.d.	699.00

**2011-2012 ZirChrom Analytical Column Pricing, 5 micron particles**

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)</b>
DB01-0521-5	DiamondBond®-C18	5 micron	50 x 2.1 mm i.d.	689.00
DB01-0546-5	DiamondBond®-C18	5 micron	50 x 4.6 mm i.d.	689.00
DB01-1021-5	DiamondBond®-C18	5 micron	100 x 2.1 mm i.d.	689.00
DB01-1046-5	DiamondBond®-C18	5 micron	100 x 4.6 mm i.d.	689.00
DB01-1521-5	DiamondBond®-C18	5 micron	150 x 2.1 mm i.d.	711.00
DB01-1546-5	DiamondBond®-C18	5 micron	150 x 4.6 mm i.d.	711.00
DB01-2521-5	DiamondBond®-C18	5 micron	250 x 2.1 mm i.d.	755.00
DB01-2546-5	DiamondBond®-C18	5 micron	250 x 4.6 mm i.d.	755.00
EZ01-0521-5	ZirChrom®-EZ	5 micron	50 x 2.1 mm i.d.	579.00
EZ01-0546-5	ZirChrom®-EZ	5 micron	50 x 4.6 mm i.d.	579.00
EZ01-1021-5	ZirChrom®-EZ	5 micron	100 x 2.1 mm i.d.	579.00
EZ01-1046-5	ZirChrom®-EZ	5 micron	100 x 4.6 mm i.d.	579.00
EZ01-1521-5	ZirChrom®-EZ	5 micron	150 x 2.1 mm i.d.	601.00
EZ01-1546-5	ZirChrom®-EZ	5 micron	150 x 4.6 mm i.d.	601.00
EZ01-2521-5	ZirChrom®-EZ	5 micron	250 x 2.1 mm i.d.	645.00
EZ01-2546-5	ZirChrom®-EZ	5 micron	250 x 4.6 mm i.d.	645.00
MK01-0521-5	Method Development Kit #1	5 micron	50 x 2.1 mm i.d.	1317.00
MK01-0546-5	Method Development Kit #1	5 micron	50 x 4.6 mm i.d.	1317.00
MK01-1021-5	Method Development Kit #1	5 micron	100 x 2.1 mm i.d.	1317.00
MK01-1046-5	Method Development Kit #1	5 micron	100 x 4.6 mm i.d.	1317.00
MK01-1521-5	Method Development Kit #1	5 micron	150 x 2.1 mm i.d.	1317.00
MK01-1546-5	Method Development Kit #1	5 micron	150 x 4.6 mm i.d.	1317.00
MK02-0521-5	Method Development Kit #2	5 micron	50 x 2.1 mm i.d.	1317.00
MK02-0546-5	Method Development Kit #2	5 micron	50 x 4.6 mm i.d.	1317.00
MK02-1021-5	Method Development Kit #2	5 micron	100 x 2.1 mm i.d.	1317.00
MK02-1046-5	Method Development Kit #2	5 micron	100 x 4.6 mm i.d.	1317.00
MK02-1521-5	Method Development Kit #2	5 micron	150 x 2.1 mm i.d.	1317.00
MK02-1546-5	Method Development Kit #2	5 micron	150 x 4.6 mm i.d.	1317.00
MK03-0521-5	Method Development Kit #3	5 micron	50 x 2.1 mm i.d.	1317.00
MK03-0546-5	Method Development Kit #3	5 micron	50 x 4.6 mm i.d.	1317.00
MK03-1021-5	Method Development Kit #3	5 micron	100 x 2.1 mm i.d.	1317.00
MK03-1046-5	Method Development Kit #3	5 micron	100 x 4.6 mm i.d.	1317.00
MK03-1521-5	Method Development Kit #3	5 micron	150 x 2.1 mm i.d.	1317.00
MK03-1546-5	Method Development Kit #3	5 micron	150 x 4.6 mm i.d.	1317.00
MK04-0521-5	Method Development Kit #4	5 micron	50 x 2.1 mm i.d.	1317.00
MK04-0546-5	Method Development Kit #4	5 micron	50 x 4.6 mm i.d.	1317.00
MK04-1021-5	Method Development Kit #4	5 micron	100 x 2.1 mm i.d.	1317.00
MK04-1046-5	Method Development Kit #4	5 micron	100 x 4.6 mm i.d.	1317.00
MK04-1521-5	Method Development Kit #4	5 micron	150 x 2.1 mm i.d.	1317.00
MK04-1546-5	Method Development Kit #4	5 micron	150 x 4.6 mm i.d.	1317.00
MS01-0521-5	ZirChrom®-MS	5 micron	50 x 2.1 mm i.d.	579.00
MS01-0546-5	ZirChrom®-MS	5 micron	50 x 4.6 mm i.d.	579.00
MS01-1021-5	ZirChrom®-MS	5 micron	100 x 2.1 mm i.d.	579.00
MS01-1046-5	ZirChrom®-MS	5 micron	100 x 4.6 mm i.d.	579.00
MS01-1521-5	ZirChrom®-MS	5 micron	150 x 2.1 mm i.d.	601.00
MS01-1546-5	ZirChrom®-MS	5 micron	150 x 4.6 mm i.d.	601.00
MS01-2521-5	ZirChrom®-MS	5 micron	250 x 2.1 mm i.d.	645.00
MS01-2546-5	ZirChrom®-MS	5 micron	250 x 4.6 mm i.d.	645.00

**2011-2012 ZirChrom Analytical Column Pricing, 5 micron particles**

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)</b>
TI01-0521-5	Sachtopore-RP	5 micron	50 x 2.1 mm i.d.	579.00
TI01-0546-5	Sachtopore-RP	5 micron	50 x 4.6 mm i.d.	579.00
TI01-1021-5	Sachtopore-RP	5 micron	100 x 2.1 mm i.d.	579.00
TI01-1046-5	Sachtopore-RP	5 micron	100 x 4.6 mm i.d.	579.00
TI01-1521-5	Sachtopore-RP	5 micron	150 x 2.1 mm i.d.	601.00
TI01-1546-5	Sachtopore-RP	5 micron	150 x 4.6 mm i.d.	601.00
TI01-2521-5	Sachtopore-RP	5 micron	250 x 2.1 mm i.d.	645.00
TI01-2546-5	Sachtopore-RP	5 micron	250 x 4.6 mm i.d.	645.00
TI02-0521-5	Sachtopore-NP	5 micron	50 x 2.1 mm i.d.	579.00
TI02-0546-5	Sachtopore-NP	5 micron	50 x 4.6 mm i.d.	579.00
TI02-1021-5	Sachtopore-NP	5 micron	100 x 2.1 mm i.d.	579.00
TI02-1046-5	Sachtopore-NP	5 micron	100 x 4.6 mm i.d.	579.00
TI02-1521-5	Sachtopore-NP	5 micron	150 x 2.1 mm i.d.	601.00
TI02-1546-5	Sachtopore-NP	5 micron	150 x 4.6 mm i.d.	601.00
TI02-2521-5	Sachtopore-NP	5 micron	250 x 2.1 mm i.d.	645.00
TI02-2546-5	Sachtopore-NP	5 micron	250 x 4.6 mm i.d.	645.00
ZR01-0521-5	ZirChrom®-CARB	5 micron	50 x 2.1 mm i.d.	689.00
ZR01-0546-5	ZirChrom®-CARB	5 micron	50 x 4.6 mm i.d.	689.00
ZR01-1021-5	ZirChrom®-CARB	5 micron	100 x 2.1 mm i.d.	689.00
ZR01-1046-5	ZirChrom®-CARB	5 micron	100 x 4.6 mm i.d.	689.00
ZR01-1521-5	ZirChrom®-CARB	5 micron	150 x 2.1 mm i.d.	711.00
ZR01-1546-5	ZirChrom®-CARB	5 micron	150 x 4.6 mm i.d.	711.00
ZR01-2521-5	ZirChrom®-CARB	5 micron	250 x 2.1 mm i.d.	755.00
ZR01-2546-5	ZirChrom®-CARB	5 micron	250 x 4.6 mm i.d.	755.00
ZR02-0521-5	ZirChrom®-PHASE	5 micron	50 x 2.1 mm i.d.	579.00
ZR02-0546-5	ZirChrom®-PHASE	5 micron	50 x 4.6 mm i.d.	579.00
ZR02-1021-5	ZirChrom®-PHASE	5 micron	100 x 2.1 mm i.d.	579.00
ZR02-1046-5	ZirChrom®-PHASE	5 micron	100 x 4.6 mm i.d.	579.00
ZR02-1521-5	ZirChrom®-PHASE	5 micron	150 x 2.1 mm i.d.	601.00
ZR02-1546-5	ZirChrom®-PHASE	5 micron	150 x 4.6 mm i.d.	601.00
ZR02-2521-5	ZirChrom®-PHASE	5 micron	250 x 2.1 mm i.d.	645.00
ZR02-2546-5	ZirChrom®-PHASE	5 micron	250 x 4.6 mm i.d.	645.00
ZR03-0521-5	ZirChrom®-PBD	5 micron	50 x 2.1 mm i.d.	579.00
ZR03-0546-5	ZirChrom®-PBD	5 micron	50 x 4.6 mm i.d.	579.00
ZR03-1021-5	ZirChrom®-PBD	5 micron	100 x 2.1 mm i.d.	579.00
ZR03-1046-5	ZirChrom®-PBD	5 micron	100 x 4.6 mm i.d.	579.00
ZR03-1521-5	ZirChrom®-PBD	5 micron	150 x 2.1 mm i.d.	601.00
ZR03-1546-5	ZirChrom®-PBD	5 micron	150 x 4.6 mm i.d.	601.00
ZR03-2521-5	ZirChrom®-PBD	5 micron	250 x 2.1 mm i.d.	645.00
ZR03-2546-5	ZirChrom®-PBD	5 micron	250 x 4.6 mm i.d.	645.00
ZR04-0521-5	ZirChrom®-WCX	5 micron	50 x 2.1 mm i.d.	579.00
ZR04-0546-5	ZirChrom®-WCX	5 micron	50 x 4.6 mm i.d.	579.00
ZR04-1021-5	ZirChrom®-WCX	5 micron	100 x 2.1 mm i.d.	579.00
ZR04-1046-5	ZirChrom®-WCX	5 micron	100 x 4.6 mm i.d.	579.00
ZR04-1521-5	ZirChrom®-WCX	5 micron	150 x 2.1 mm i.d.	601.00
ZR04-1546-5	ZirChrom®-WCX	5 micron	150 x 4.6 mm i.d.	601.00
ZR04-2521-5	ZirChrom®-WCX	5 micron	250 x 2.1 mm i.d.	645.00
ZR04-2546-5	ZirChrom®-WCX	5 micron	250 x 4.6 mm i.d.	645.00

**2011-2012 ZirChrom Analytical Column Pricing, 5 micron particles**

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)</b>
ZR05-0521-5	ZirChrom®-WAX	5 micron	50 x 2.1 mm i.d.	579.00
ZR05-0546-5	ZirChrom®-WAX	5 micron	50 x 4.6 mm i.d.	579.00
ZR05-1021-5	ZirChrom®-WAX	5 micron	100 x 2.1 mm i.d.	579.00
ZR05-1046-5	ZirChrom®-WAX	5 micron	100 x 4.6 mm i.d.	579.00
ZR05-1521-5	ZirChrom®-WAX	5 micron	150 x 2.1 mm i.d.	601.00
ZR05-1546-5	ZirChrom®-WAX	5 micron	150 x 4.6 mm i.d.	601.00
ZR05-2521-5	ZirChrom®-WAX	5 micron	250 x 2.1 mm i.d.	645.00
ZR05-2546-5	ZirChrom®-WAX	5 micron	250 x 4.6 mm i.d.	645.00
ZR06-0521-5	ZirChrom®-SAX	5 micron	50 x 2.1 mm i.d.	579.00
ZR06-0546-5	ZirChrom®-SAX	5 micron	50 x 4.6 mm i.d.	579.00
ZR06-1021-5	ZirChrom®-SAX	5 micron	100 x 2.1 mm i.d.	579.00
ZR06-1046-5	ZirChrom®-SAX	5 micron	100 x 4.6 mm i.d.	579.00
ZR06-1521-5	ZirChrom®-SAX	5 micron	150 x 2.1 mm i.d.	601.00
ZR06-1546-5	ZirChrom®-SAX	5 micron	150 x 4.6 mm i.d.	601.00
ZR06-2521-5	ZirChrom®-SAX	5 micron	250 x 2.1 mm i.d.	645.00
ZR06-2546-5	ZirChrom®-SAX	5 micron	250 x 4.6 mm i.d.	645.00
ZR07-0521-5	ZirChrom®-SHAX	5 micron	50 x 2.1 mm i.d.	579.00
ZR07-0546-5	ZirChrom®-SHAX	5 micron	50 x 4.6 mm i.d.	579.00
ZR07-1021-5	ZirChrom®-SHAX	5 micron	100 x 2.1 mm i.d.	579.00
ZR07-1046-5	ZirChrom®-SHAX	5 micron	100 x 4.6 mm i.d.	579.00
ZR07-1521-5	ZirChrom®-SHAX	5 micron	150 x 2.1 mm i.d.	601.00
ZR07-1546-5	ZirChrom®-SHAX	5 micron	150 x 4.6 mm i.d.	601.00
ZR07-2521-5	ZirChrom®-SHAX	5 micron	250 x 2.1 mm i.d.	645.00
ZR07-2546-5	ZirChrom®-SHAX	5 micron	250 x 4.6 mm i.d.	645.00
ZR08-0521-5	ZirChrom®-PEZ	5 micron	50 x 2.1 mm i.d.	579.00
ZR08-0546-5	ZirChrom®-PEZ	5 micron	50 x 4.6 mm i.d.	579.00
ZR08-1021-5	ZirChrom®-PEZ	5 micron	100 x 2.1 mm i.d.	579.00
ZR08-1046-5	ZirChrom®-PEZ	5 micron	100 x 4.6 mm i.d.	579.00
ZR08-1521-5	ZirChrom®-PEZ	5 micron	150 x 2.1 mm i.d.	601.00
ZR08-1546-5	ZirChrom®-PEZ	5 micron	150 x 4.6 mm i.d.	601.00
ZR08-2521-5	ZirChrom®-PEZ	5 micron	250 x 2.1 mm i.d.	645.00
ZR08-2546-5	ZirChrom®-PEZ	5 micron	250 x 4.6 mm i.d.	645.00
ZR09-0521-5	ZirChrom®-PS	5 micron	50 x 2.1 mm i.d.	579.00
ZR09-0546-5	ZirChrom®-PS	5 micron	50 x 4.6 mm i.d.	579.00
ZR09-1021-5	ZirChrom®-PS	5 micron	100 x 2.1 mm i.d.	579.00
ZR09-1046-5	ZirChrom®-PS	5 micron	100 x 4.6 mm i.d.	579.00
ZR09-1521-5	ZirChrom®-PS	5 micron	150 x 2.1 mm i.d.	601.00
ZR09-1546-5	ZirChrom®-PS	5 micron	150 x 4.6 mm i.d.	601.00
ZR09-2521-5	ZirChrom®-PS	5 micron	250 x 2.1 mm i.d.	645.00
ZR09-2546-5	ZirChrom®-PS	5 micron	250 x 4.6 mm i.d.	645.00

**2011 - 2012 ZirChrom Analytical Column Pricing, Sub-2 micron particles**

**Columns**

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S.\$)</b>
<b>ZR03-0546-1.9</b>	ZirChrom®-PBD	1.9 micron	50 x 4.6 mm i.d.	\$743.00
<b>ZR02-0546-1.9</b>	ZirChrom®-PHASE	1.9 micron	50 x 4.6 mm i.d.	\$743.00
<b>ZR01-0546-1.9</b>	ZirChrom®-CARB	1.9 micron	50 x 4.6 mm i.d.	\$853.00
<b>MS01-0546-1.9</b>	ZirChrom®-MS	1.9 micron	50 x 4.6 mm i.d.	\$743.00
<b>ZR06-0546-1.9</b>	ZirChrom®-SAX	1.9 micron	50 x 4.6 mm i.d.	\$743.00

## 2011-2012 ZirChrom Guard Column Pricing

Part #	Description	Purpose	List (U.S. \$)
850-00	Holder for G40 guard inserts	Use with 4.6 mm i.d. columns	82.00
<b>850-00-2</b>	<b>Holder for ProTain 4.6 mm inserts*</b>	Use with 4.6 mm i.d. columns	82.00
852-00	Holder for G20 guard inserts	Use with 2.1 mm i.d. columns	82.00
<b>852-00-2</b>	<b>Holder for ProTain 2.1 mm inserts*</b>	Use with 2.1 mm i.d. columns	82.00
DB01-G20	DiamondBond®-C18, 3 pack	Use with 2.1 mm i.d. columns	240.00
DB01-G40	DiamondBond®-C18, 3 pack	Use with 4.6 mm i.d. columns	240.00
EZ01-G20	ZirChrom®-EZ, 3 pack	Use with 2.1 mm i.d. columns	218.00
EZ01-G40	ZirChrom®-EZ, 3 pack	Use with 4.6 mm i.d. columns	218.00
MK01-G20	Method Development Kit #1, 3 pack	Use with 2.1 mm i.d. columns	218.00
MK01-G40	Method Development Kit #1, 3 pack	Use with 4.6 mm i.d. columns	218.00
MK02-G20	Method Development Kit #2, 3 pack	Use with 2.1 mm i.d. columns	218.00
MK02-G40	Method Development Kit #2, 3 pack	Use with 4.6 mm i.d. columns	218.00
MK03-G20	Method Development Kit #3, 3 pack	Use with 2.1 mm i.d. columns	240.00
MK03-G40	Method Development Kit #3, 3 pack	Use with 4.6 mm i.d. columns	240.00
MK04-G20	Method Development Kit #4, 3 pack	Use with 2.1 mm i.d. columns	240.00
MK04-G40	Method Development Kit #4, 3 pack	Use with 4.6 mm i.d. columns	240.00
MS01-G20	ZirChrom®-MS, 3 pack	Use with 2.1 mm i.d. columns	218.00
MS01-G40	ZirChrom®-MS, 3 pack	Use with 4.6 mm i.d. columns	218.00
<b>PT01-0221</b>	<b>ProTain, 3 pack (2cm x 2.1 mm inserts)*</b>	Use with 2.1 mm i.d. columns	329.00
<b>PT01-0246</b>	<b>ProTain, 3 pack (2cm x 4.6 mm inserts)*</b>	Use with 4.6 mm i.d. columns	329.00
TI01-G20	Sachtopore-RP, 3 pack	Use with 2.1 mm i.d. columns	218.00
TI01-G40	Sachtopore-RP, 3 pack	Use with 4.6 mm i.d. columns	218.00
TI02-G20	Sachtopore-NP, 3 pack	Use with 2.1 mm i.d. columns	218.00
TI02-G40	Sachtopore-NP, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR01-G20	ZirChrom®-CARB, 3 pack	Use with 2.1 mm i.d. columns	240.00
ZR01-G40	ZirChrom®-CARB, 3 pack	Use with 4.6 mm i.d. columns	240.00
ZR02-G20	ZirChrom®-PHASE, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR02-G40	ZirChrom®-PHASE, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR03-G20	ZirChrom®-PBD, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR03-G40	ZirChrom®-PBD, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR04-G20	ZirChrom®-WCX, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR04-G40	ZirChrom®-WCX, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR05-G20	ZirChrom®-WAX, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR05-G40	ZirChrom®-WAX, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR06-G20	ZirChrom®-SAX, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR06-G40	ZirChrom®-SAX, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR07-G20	ZirChrom®-SHAX, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR07-G40	ZirChrom®-SHAX, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR08-G20	ZirChrom®-PEZ, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR08-G40	ZirChrom®-PEZ, 3 pack	Use with 4.6 mm i.d. columns	218.00
ZR09-G20	ZirChrom®-PS, 3 pack	Use with 2.1 mm i.d. columns	218.00
ZR09-G40	ZirChrom®-PS, 3 pack	Use with 4.6 mm i.d. columns	218.00

**\*FOR PROTEIN REMOVAL**

## 2011-2012 ZirChrom Chiral Product Pricing

### Columns

Part #	Description	Particle Size	Column Dimensions	List (U.S. \$)
ZRC01-1521	ZirChrom®-Chiral(S)LEU	3 micron	150 x 2.1 mm i.d.	765.00
ZRC01-1546	ZirChrom®-Chiral(S)LEU	3 micron	150 x 4.6 mm i.d.	765.00
ZRC01-1521-5	ZirChrom®-Chiral(S)LEU	5 micron	150 x 2.1 mm i.d.	711.00
ZRC01-1546-5	ZirChrom®-Chiral(S)LEU	5 micron	150 x 4.6 mm i.d.	711.00
ZRC01-2546-5	ZirChrom®-Chiral(S)LEU	5 micron	250 x 4.6 mm i.d.	755.00
ZRC02-1521	ZirChrom®-Chiral(R)NESA	3 micron	150 x 2.1 mm i.d.	765.00
ZRC02-1546	ZirChrom®-Chiral(R)NESA	3 micron	150 x 4.6 mm i.d.	765.00
ZRC02-1521-5	ZirChrom®-Chiral(R)NESA	5 micron	150 x 2.1 mm i.d.	711.00
ZRC02-1546-5	ZirChrom®-Chiral(R)NESA	5 micron	150 x 4.6 mm i.d.	711.00
ZRC02-2546-5	ZirChrom®-Chiral(R)NESA	5 micron	250 x 4.6 mm i.d.	755.00
ZRC03-1521	ZirChrom®-Chiral(S)NESA	3 micron	150 x 2.1 mm i.d.	765.00
ZRC03-1546	ZirChrom®-Chiral(S)NESA	3 micron	150 x 4.6 mm i.d.	765.00
ZRC03-1521-5	ZirChrom®-Chiral(S)NESA	5 micron	150 x 2.1 mm i.d.	711.00
ZRC03-1546-5	ZirChrom®-Chiral(S)NESA	5 micron	150 x 4.6 mm i.d.	711.00
ZRC03-2546-5	ZirChrom®-Chiral(S)NESA	5 micron	250 x 4.6 mm i.d.	755.00
ZRC04-1521	ZirChrom®-Chiral(S)PG	3 micron	150 x 2.1 mm i.d.	765.00
ZRC04-1546	ZirChrom®-Chiral(S)PG	3 micron	150 x 4.6 mm i.d.	765.00
ZRC04-1521-5	ZirChrom®-Chiral(S)PG	5 micron	150 x 2.1 mm i.d.	711.00
ZRC04-1546-5	ZirChrom®-Chiral(S)PG	5 micron	150 x 4.6 mm i.d.	711.00
ZRC04-2546-5	ZirChrom®-Chiral(S)PG	5 micron	250 x 4.6 mm i.d.	755.00
ZRC05-1521	ZirChrom®-Chiral(R)PG	3 micron	150 x 2.1 mm i.d.	765.00
ZRC05-1546	ZirChrom®-Chiral(R)PG	3 micron	150 x 4.6 mm i.d.	765.00
ZRC05-1521-5	ZirChrom®-Chiral(R)PG	5 micron	150 x 2.1 mm i.d.	711.00
ZRC05-1546-5	ZirChrom®-Chiral(R)PG	5 micron	150 x 4.6 mm i.d.	711.00
ZRC05-2546-5	ZirChrom®-Chiral(R)PG	5 micron	250 x 4.6 mm i.d.	755.00
ZRC06-0521	ZirChrom®-CelluloZe	3 micron	50 x 2.1 mm i.d.	1266.00
ZRC06-0546	ZirChrom®-CelluloZe	3 micron	50 x 4.6 mm i.d.	1266.00
ZRC06-0521-5	ZirChrom®-CelluloZe	5 micron	50 x 2.1 mm i.d.	1157.00
ZRC06-0546-5	ZirChrom®-CelluloZe	5 micron	50 x 4.6 mm i.d.	1157.00
ZRC06-1021	ZirChrom®-CelluloZe	3 micron	100 x 2.1 mm i.d.	1266.00
ZRC06-1046	ZirChrom®-CelluloZe	3 micron	100 x 4.6 mm i.d.	1266.00
ZRC06-1021-5	ZirChrom®-CelluloZe	5 micron	100 x 2.1 mm i.d.	1157.00
ZRC06-1046-5	ZirChrom®-CelluloZe	5 micron	100 x 4.6 mm i.d.	1157.00
ZRC06-1521	ZirChrom®-CelluloZe	3 micron	150 x 2.1 mm i.d.	1310.00
ZRC06-1546	ZirChrom®-CelluloZe	3 micron	150 x 4.6 mm i.d.	1310.00
ZRC06-1521-5	ZirChrom®-CelluloZe	5 micron	150 x 2.1 mm i.d.	1201.00
ZRC06-1546-5	ZirChrom®-CelluloZe	5 micron	150 x 4.6 mm i.d.	1201.00
ZRC06-2546-5	ZirChrom®-CelluloZe	5 micron	250 x 4.6 mm i.d.	1289.00

### Guard Columns

Part #	Description	Purpose	List (U.S. \$)
850-00	Holder for G40 guard inserts	Use with 4.6 mm i.d. columns	82.00
852-00	Holder for G20 guard inserts	Use with 2.1 mm i.d. columns	82.00
ZRC01-G20	ZirChrom®-Chiral(S)LEU, 3 pack	Use with 2.1 mm i.d. columns	240.00
ZRC01-G40	ZirChrom®-Chiral(S)LEU, 3 pack	Use with 4.6 mm i.d. columns	240.00
ZRC02-G20	ZirChrom®-Chiral(R)NESA, 3 pack	Use with 2.1 mm i.d. columns	240.00
ZRC02-G40	ZirChrom®-Chiral(R)NESA, 3 pack	Use with 4.6 mm i.d. columns	240.00

## 2011-2012 ZirChrom Chiral Product Pricing

### Columns

<b>Part #</b>	<b>Description</b>	<b>Particle Size</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)</b>
ZRC03-G20	ZirChrom®-Chiral(S)NESA, 3 pack	Use with 2.1 mm i.d. columns		240.00
ZRC03-G40	ZirChrom®-Chiral(S)NESA, 3 pack	Use with 4.6 mm i.d. columns		240.00
ZRC04-G20	ZirChrom®-Chiral(S)PG, 3 pack	Use with 2.1 mm i.d. columns		240.00
ZRC04-G40	ZirChrom®-Chiral(S)PG, 3 pack	Use with 4.6 mm i.d. columns		240.00
ZRC05-G20	ZirChrom®-Chiral(R)PG, 3 pack	Use with 2.1 mm i.d. columns		240.00
ZRC05-G40	ZirChrom®-Chiral(R)PG, 3 pack	Use with 4.6 mm i.d. columns		240.00

## 2011-2012 ZirChrom Bulk Material Pricing (per unit quantity)

### Porous Zirconia

#### DB01 (DiamondBond-C18), ST01 (ZirChrom-SELECT) & ZR01 (ZirChrom-CARB)

Particle Size (microns)	1 - 4 grams	5 - 9 grams	10 - 99 grams	100 - 499 grams	500 - 999 grams	1,000 - 4,999 grams	5,000 - 9,999 grams	10,000+ grams
3	\$220.50	\$165.50	\$110.25	\$99.25	\$82.75	\$66.25	\$49.50	\$41.25
5	\$147.00	\$110.25	\$73.50	\$66.25	\$55.25	\$44.00	\$33.00	\$27.50
7	\$82.75	\$62.00	\$41.50	\$37.25	\$31.00	\$24.75	\$18.75	\$15.50
10	\$82.75	\$62.00	\$41.50	\$37.25	\$31.00	\$24.75	\$18.75	\$15.50
25	\$82.75	\$62.00	\$41.50	\$37.25	\$31.00	\$24.75	\$18.75	\$15.50

#### EZ01 (ZirChrom-EZ), ZR02 (ZirChrom-PHASE), ZR03 (ZirChrom-PBD), ZR04 (ZirChrom-WCX), ZR05 (ZirChrom-WAX), ZR06 (ZirChrom-SAX), ZR07 (ZirChrom-SHAX), & ZR09 (ZirChrom-PS)

Particle Size (microns)	1 - 4 grams	5 - 9 grams	10 - 99 grams	100 - 499 grams	500 - 999 grams	1,000 - 4,999 grams	5,000 - 9,999 grams	10,000+ grams
3	\$176.50	\$132.25	\$88.25	\$79.50	\$66.25	\$53.00	\$39.75	\$33.00
5	\$117.50	\$88.25	\$58.75	\$53.00	\$44.00	\$35.25	\$26.50	\$22.00
7	\$66.25	\$49.50	\$33.00	\$29.75	\$24.75	\$20.00	\$15.00	\$12.50
10	\$66.25	\$49.50	\$33.00	\$29.75	\$24.75	\$20.00	\$15.00	\$12.50
25	\$66.25	\$49.50	\$33.00	\$29.75	\$24.75	\$20.00	\$15.00	\$12.50

#### ZR08 (ZirChrom-PEZ)

Particle Size (microns)	1 - 4 grams	5 - 9 grams	10 - 99 grams	100 - 499 grams	500 - 999 grams	1,000 - 4,999 grams	5,000 - 9,999 grams	10,000+ grams
3	\$176.50	\$132.25	\$88.25	\$79.50	\$66.25	\$53.00	\$39.75	\$33.00
5	\$117.50	\$88.25	\$58.75	\$53.00	\$44.00	\$35.25	\$26.50	\$22.00
7	\$66.25	\$49.50	\$33.00	\$29.75	\$24.75	\$20.00	\$15.00	\$12.50
10	\$66.25	\$49.50	\$33.00	\$29.75	\$24.75	\$20.00	\$15.00	\$12.50
25	Rhinophase AB	Rhinophase AB	Rhinophase AB	Rhinophase AB	Rhinophase AB	Rhinophase AB	Rhinophase AB	Rhinophase AB

### Non-Porous Zirconia

#### NPZ-Phase Designation (ANY MODIFICATION TYPE)

Particle Size (microns)	1 - 49 grams	50+ grams
0.5	\$330.75	QUOTE
1	\$220.50	QUOTE
2	\$165.50	QUOTE
3	\$110.25	QUOTE

#### Part Numbering:

A part number is created using the phase designation, followed by a dash, followed by the word "BULK", followed by a dash, followed by the particle size.

Example: ZirChrom-CARB, 3 micron = ZR01-BULK-3

## 2011-2012 ZirChrom Bulk Material Pricing (per unit quantity)

### Sachtopore-RP

Refer to 2010-2011 Sachtopore Price List

### Sachtopore-NP

Refer to 2010-2011 Sachtopore Price List

#### **Part Numbering:**

A part number is created using the phase designator followed by a dash, followed by the word "BULK" followed by a dash, followed by the particle size followed by the pore size in parenthesis:

Example: Sachtopore-NP, 3 micron, 300 Angstrom

Part Number: T102-BULK-3(300)

## 2011-2012 ZirChrom Rhinophase-AB Product Pricing

	Part #	List (U.S. \$)	Unit
<b>Rhinophase-AB Media</b>	AB01-BULK-25	39.75	\$/ml (for 1-9 ml)
	AB01-BULK-25	26.50	\$/ml (for 10-99 ml)
	AB01-BULK-25	19.75	\$/ml (for 100-999 ml)
	AB01-BULK-25	13.25	\$/ml (for 1000-4999 ml)
	AB01-BULK-25	8.75	\$/ml (for 5000-9999 ml)
	AB01-BULK-25	6.50	\$/ml (> 10000ml)
<b>Buffers</b>			
Dry Loading Buffer	DRY-LOAD	32.50	\$/4 L
Dry Elution Buffer	DRY-ELUT	65.00	\$/4 L
<b>Vacuum Manifold</b>	VAC-MAN	825.00	\$ (16-port vacuum manifold)
<b>Vacuum Pump</b>	VAC-PUMP	605.00	\$ (vacuum pump)
<b>Plastic SPE tubes (6 ml)</b>	TUBE-6ML	27.50	\$ (10 small tubes)
<b>Plastic SPE tubes (60 ml)</b>	TUBE-60ML	82.00	\$ (16 large tubes)
<b>Research Kit</b>			
	<b>AB01-RES</b>		
i. Rhinophase-AB Media	AB01-BULK-25		\$ (3 ml media)
ii. Plastic SPE Tubes (6 ml)	TUBE-6ML		\$ (3 small SPE tubes)
iii. Dry Loading Buffer	DRY-LOAD/2		\$/2 L (one 2 L bottle included)
iv. Dry Elution Buffer	DRY-ELUT/2		\$/2 L (one 2 L bottle included)
	<b>Total per kit</b>	<b>187.00</b>	
<b>Production Kit</b>			
	<b>AB01-HTP</b>		
i. Rhinophase-AB Media	AB01-BULK-25		\$ (30 ml media)
ii. Plastic SPE Tubes (60 ml)	TUBE-60ML		\$ (16 large SPE tubes)
iii. Vacuum Manifold System	VAC-MAN		\$ (16-port vacuum manifold)
iv. Vacuum Pump	VAC-PUMP		\$ (vacuum pump)
v. Dry Loading Buffer	2 x DRY-LOAD		\$/8 L (four 2 L bottles included)
vi. Dry Elution Buffer	2 x DRY-ELUT		\$/8 L (four 2 L bottles included)
	<b>Total per kit</b>	<b>2750.00</b>	
<b>Others</b>			
Analytical HPLC Column	ZR08-0521-5	579.00	5 micron
	ZR08-0546-5	579.00	5 micron
	ZR08-1021-5	579.00	5 micron
	ZR08-1046-5	579.00	5 micron
	ZR08-1521-5	601.00	5 micron
	ZR08-1546-5	601.00	5 micron
	ZR08-2521-5	645.00	5 micron
	ZR08-2546-5	645.00	5 micron
Semi-prep HPLC Column	ZR08-CUSTOM	QUOTE	5, 10, 25 micron available
Capillary HPLC Column	ZR08-CUSTOM	QUOTE	5, 10, 25 micron available

## 2011-2012 ZirChrom Special Order Column Formats Available

*\*\* Note: Column formats are available with any packing. Pricing will be quoted. Delivery times are typically 2-4 weeks for analytical formats and 4-6 weeks for semi-prep and preparative formats.*

<b>Non-Standard Particle Sizes Available</b>	<b>Column Dimensions</b>	<b>List (U.S. \$)**</b>
3, 5, 7, 10 and 25 micron	33 x 2.1 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	33 x 3.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	33 x 4.6 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	33 x 7.0 mm i.d.	QUOTE
3 and 5 micron	50 x 1.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	50 x 2.1 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	50 x 3.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	50 x 4.6 mm i.d.	QUOTE
3 and 5 micron	100 x 1.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	100 x 2.1 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	100 x 3.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	100 x 4.6 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	100 x 7.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	100 x 10.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	100 x 21.2 mm i.d.	QUOTE
3 and 5 micron	150 x 0.5 mm i.d.	QUOTE
3 and 5 micron	150 x 0.7 mm i.d.	QUOTE
3 and 5 micron	150 x 1.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	150 x 2.1 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	150 x 3.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	150 x 4.6 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	150 x 7.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	150 x 10.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	150 x 21.2 mm i.d.	QUOTE
3 and 5 micron	250 x 0.5 mm i.d.	QUOTE
3 and 5 micron	250 x 0.7 mm i.d.	QUOTE
3 and 5 micron	250 x 1.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	250 x 2.1 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	250 x 3.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	250 x 4.6 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	250 x 7.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	250 x 10.0 mm i.d.	QUOTE
3, 5, 7, 10 and 25 micron	250 x 21.2 mm i.d.	QUOTE

*Part Numbering: A part number is created using the phase designation, followed by a dash, followed by the column length and column id (10.0 mm = 100), followed by a dash, followed by the particle size. Example, ZirChrom-PBD, 10 micron, 150 x 21.2 mm id = ZR03-15212-10.*

*Non-Porous Zirconia: Columns packed with non-porous zirconia are also available. The beginning of the phase designation changes from ZR to NPZ. Example, non-porous ZirChrom-PBD = NPZ03. Pricing for Non-Porous zirconia columns may be greater than the maximum amount listed above.*