




Packaging Selection Guide for Vials, Columns, & Bottles

Glen Research offers a range of vials, columns, and bottles to meet specifications for your applications.

Monomers						
Description		Pack Size	Neck	Height	Diameter	Catalog Code
6.5 ml septum		50 µmoles		4.6 cm	2.2 cm	-95
		100 µmoles		4.6 cm	2.2 cm	-90
		0.25 grams		4.6 cm	2.2 cm	some '-02's
15 ml septum		0.25 grams		4.5 cm	2.2 cm	-02
		0.5 grams		4.5 cm	2.2 cm	-05
		1 gram		4.5 cm	2.2 cm	-10
60 ml septum		2 grams		10 cm	3.3 cm	-20
		4 grams		10 cm	3.3 cm	-40
100 ml septum		5 grams		9.5 cm	5.1 cm	-50
1 oz Boston Round		50 µmoles	20-400	7.8 cm	3.1 cm	-95E
		100 µmoles	20-400	7.8 cm	3.1 cm	-90E
		0.25 grams	20-400	7.8 cm	3.1 cm	-02E
		0.5 grams	20-400	7.8 cm	3.1 cm	-05E
		0.25 grams	20-400	7.8 cm	3.1 cm	-C2 Standard base amidites only
		0.5 grams	20-400	7.8 cm	3.1 cm	-C5 Standard base amidites only
		1 gram	20-400	7.8 cm	3.1 cm	-1C Standard base amidites only
2 oz Boston Round		2 grams	20-400	9.4 cm	3.4 cm	-2C Standard base amidites only
30 ml Boston Round		50 µmoles	28/400	3.5 cm	6 cm	-95M
		100 µmoles	28/400	3.5 cm	7 cm	-90M
		0.25 grams	28/400	3.5 cm	8 cm	-02M
		5 grams	28/400	3.5 cm	9 cm	-05M
		10 grams	28/400	3.5 cm	10 cm	-10M
250 ml Boston Round		5 grams	28/400	13.7 cm	6 cm	-5S
		10 grams	28/400	13.7 cm	7 cm	-1S
480 ml Boston Round		20 grams	28/400	17 cm	7.2 cm	-2S

Supports					
Description		Pack Size	Length	Internal Volume	Catalog Code
Big TWIST™ Column		10 μmoles	4.5 cm	1.2 cc	-13
		15 μmoles	4.5 cm	1.2 cc	-14
Small TWIST Column		40 nmoles	2.5 cm	0.23 cc	-45
		0.2 μmoles	2.5 cm	0.23 cc	-42
		1 μmole	2.5 cm	0.23 cc	-41
Expedite™ Style Column		40 nmoles	3.75 cm	0.043 cc	-45E
		0.2 μmoles	3.75 cm	0.043 cc	-42E
		1 μmole	3.75 cm	0.135 cc	-41E
ABI 3900 Style Column for CPG supports		1 μmole	4 cm	0.1 cc	-41A
		1 μmole	4 cm	0.1 cc	-61
		40 nmoles	4 cm	0.05 cc	-45A
		0.2 μmoles	4 cm	0.05 cc	-42A
		40 nmoles	4 cm	0.05 cc	-65
		200 nmoles	4 cm	0.05 cc	-62
ABI 3900 Style Column for Polystyrene Supports		40 nmoles	4 cm	0.1 cc	-55
		200 nmoles	4 cm	0.1 cc	-52
		40 nmoles	4 cm	0.1 cc	-65
		200 nmoles	4 cm	0.1 cc	-62
MerMade Style Columns Low Volume		40 nmoles	4 cm	0.08 cc	-45M
		50 nmoles	4 cm	0.08 cc	-65
		40 nmoles	4 cm	0.08 cc	-95
MerMade Style Columns High Volume		0.2 μmoles	4 cm	0.12 cc	-42M
		1 μmole	4 cm	0.12 cc	-41M
		200 nmoles	4 cm	0.12 cc	-62
		1 μmole	4 cm	0.12 cc	-61
		200 nmoles	4 cm	0.12 cc	-92
		1 μmole	4 cm	0.12 cc	-91

Solvents/Reagents					
Description		Product Volume	Neck Size	Volume	Catalog Code
Amber, Boston Round, Glass		20 mL	20-400	1 oz	-20
		30 mL	24-400	1 oz	-30
		200 mL	24-400	6 oz	-52
		300 mL	28-400	16 oz	-53
		450 mL	28-400	16 oz	-57
		960 mL	33-400	32 oz	-60
		960 mL	28-400	32 oz	-61
		2000 mL	38-430	80 oz	-62
		60 mL	24-400	6 oz	-66
		200 mL	24-400	6 oz	-68
Amber, Winchester, 1L, Glass		1000 mL	GL45	1 L	-71
		500 mL	GL45	1 L	-75
		1000 mL	GL45	1 L	-1L
Amber, Tubing, Glass, Septum Top		45 mL	20 mm	60 mL	-45
Amber, Serum Vial, Glass, Septum Top		100 mL	20 mm	100 mL	-50
White, Nalgene®, Plastic		1000 mL	33/415	1 L	-80
		250 mL	24/415	250 mL	-82

Section 2: Vials, Columns, and Bottles by Instrument

Our selection of vials, columns, and bottles fit most manufacturer's instruments including ABI, Expedite, MerMade, Dr. Oligo and GE Healthcare Life Sciences.



ABI



Expedite



MerMade



Dr. Oligo



GE Healthcare Life Sciences

Monomers						
Instrument	Description	Neck	Height	Diameter	Pack Size	Catalog Code
Default/ABI	6.5 ml septum		4.6 cm	2.2 cm	50 µmoles	-95
	6.5 ml septum		4.6 cm	2.2 cm	100 µmoles	-90
	6.5 ml septum		4.6 cm	2.2 cm	0.25 grams	some ¹ -02's
	15 ml septum		4.5 cm	2.9 cm	0.25 grams	-02
	15 ml septum		4.5 cm	2.9 cm	0.5 grams	-05
	15 ml septum		4.5 cm	2.9 cm	1 gram	-10
	60ml septum		10 cm	3.3 cm	4 grams	-40
Default/ABI/GE	60ml septum		10 cm	3.3 cm	2 grams	-20
	100 ml septum		9.5 cm	5.1 cm	5 grams	-50
Expedite (E)	1 oz Boston Round	20-400	7.8 cm	3.1 cm	50 µmoles	-95E
	1 oz Boston Round	20-400	7.8 cm	3.1 cm	100 µmoles	-90E
	1 oz Boston Round	20-400	7.8 cm	3.1 cm	0.25 grams	-02E
	1 oz Boston Round	20-400	7.8 cm	3.1 cm	0.5 grams	-05E
	1 oz Boston Round	20-400	7.8 cm	3.1 cm	0.25 grams	-C2
	1 oz Boston Round	20-400	7.8 cm	3.1 cm	0.5 grams	-C5
	1 oz Boston Round	20-400	7.8 cm	3.1 cm	1 gram	-1C
	2 oz Boston Round	20-400	9.4 cm	3.8 cm	2 grams	-2C
MerMade (M)	30 ml Boston Round	28/400	3.5 cm	6 cm	50 µmoles	-95M
	30 ml Boston Round	28/400	3.5 cm	6 cm	100 µmoles	-90M
MerMade (M)/Dr. Oligo	30 ml Boston Round	28/400	3.5 cm	6 cm	0.25 grams	-02M
	30 ml Boston Round	28/400	3.5 cm	6 cm	5 grams	-05M
	30 ml Boston Round	28/400	3.5 cm	6 cm	10 grams	-10M
	250 ml Boston Round	28/400	13.7 cm	6 cm	5 grams	-5S
	250 ml Boston Round	28/400	13.7 cm	6 cm	10 grams	-1S

Section 2: Vials, Columns, and Bottles by Instrument

Supports					
Instrument	Description	Length	Internal Volume	Pack Size	Catalog Code
ABI 392, 394, 3400	Big TWIST Column	4.5 cm	1.2 cc	10 μ moles	-13
	Small TWIST Column	2.5 cm	0.23 cc	40 nmoles	-45
	Small TWIST Column	2.5 cm	0.23 cc	0.2 μ moles	-42
	Small TWIST Column	2.5 cm	0.23 cc	1 μ mole	-41
ABI 3900/Dr. Oligo	ABI 3900 Style Column with larger top frit for CPG supports	4 cm	0.1 cc	1 μ mole	-41A
	ABI 3900 Style Column with larger top frit for CPG supports	4 cm	0.1 cc	1 μ mole	-61
	ABI 3900 Style Column with smaller top frit for CPG supports	4 cm	0.05 cc	40 nmoles	-45A
ABI 392, 394, 3400	Big TWIST Column	4.5 cm	1.2 cc	10 μ moles	-13
	Small TWIST Column	2.5 cm	0.23 cc	40 nmoles	-45
	Small TWIST Column	2.5 cm	0.23 cc	0.2 μ moles	-42
	Small TWIST Column	2.5 cm	0.23 cc	1 μ mole	-41
ABI 3900/Dr. Oligo	ABI 3900 Style Column with larger top frit for CPG Supports	4 cm	0.1 cc	1 μ mole	-41A
	ABI 3900 Style Column with larger top frit for CPG Supports	4 cm	0.1 cc	1 μ mole	-61
	ABI 3900 Style Column with smaller top frit for CPG Supports	4 cm	0.05 cc	40 nmoles	-45A
	ABI 3900 Style Column with smaller top frit for CPG Supports	4 cm	0.05 cc	0.2 μ moles	-42A
	ABI 3900 Style Column with smaller top frit for CPG Supports	4 cm	0.05 cc	40 nmoles	-65
	ABI 3900 Style Column with smaller top frit for CPG Supports	4 cm	0.05 cc	200 nmoles	-62
	ABI 3900 Style Column for Polystyrene Supports	4 cm	0.1 cc	40 nmoles	-55
	ABI 3900 Style Column for Polystyrene Supports	4 cm	0.1 cc	200 nmoles	-52
	ABI 3900 Style Column for Polystyrene Supports	4 cm	0.1 cc	40 nmoles	-65
	ABI 3900 Style Column for Polystyrene Supports	4 cm	0.1 cc	200 nmoles	-62
Expedite	Big TWIST Column	4.5 cm	1.2 cc	15 μ moles	-14
	Expedite Style Column	3.75 cm	0.043 cc	40 nmoles	-45E
	Expedite Style Column	3.75 cm	0.043 cc	0.2 μ moles	-42E
	Expedite Style Column	3.75 cm	0.135 cc	1 μ mole	-41E
MerMade	MerMade Style Columns Low Volume	4 cm	0.08 cc	40 nmoles	-45M
	MerMade Style Columns High Volume	4 cm	0.12 cc	0.2 μ moles	-42M
	MerMade Style Columns High Volume	4 cm	0.12 cc	1 μ mole	-41M
	MerMade Style Columns Low Volume	4 cm	0.12 cc	50 nmoles	-65
	MerMade Style Columns High Volume	4 cm	0.12 cc	200 nmoles	-62
	MerMade Style Columns High Volume	4 cm	0.12 cc	1 μ mole	-61
	MerMade Style Columns High Volume	4 cm	0.12 cc	200 nmoles	-92
	MerMade Style Columns High Volume	4 cm	0.12 cc	1 μ mole	-91
	MerMade Style Columns Low Volume	4 cm	0.08 cc	40 nmoles	-95

Section 2: Vials, Columns, and Bottles by Instrument

Solvents/Reagents					
Instrument	Description	Neck Size	Volume	Product Volume	Catalog Code
ABI, Expedite	Amber, Boston Round, Glass,	28-400	8 oz	200 mL	-52, -52E
ABI, Expedite, GE	Amber, Tubing, Glass, Septum Top	20 mm	60 mL	45 mL	-45
ABI, Expedite, MerMade, Dr. Oligo	Amber, Boston Round, Glass	28-400	16 oz	450 mL	-57
ABI, Expedite, MerMade, GE, Dr. Oligo	Amber, Serum Vial, Glass, Septum Top	20 mm	100 mL	100 mL	-50
Expedite	Amber, Boston Round, Glass	28-400	16 oz	300 ml	-53
	Amber, Boston Round, Glass	24-400	6 oz	60 mL	-66
	Amber, Boston Round, Glass,	28-400	8 oz	200 mL	-68
GE	Amber, Winchester, 1L, Glass	GL45	1 L	1000 mL	-71
MerMade	Amber, Boston Round, Glass	28-400	32 oz	960 mL	-61
MerMade, Dr. Oligo	Amber, Boston Round, Glass	38-430	80 oz	2000 mL	-62
Not Instrument Specific	Amber, Boston Round, Glass	20-400	1 oz	20 mL	-20
	Amber, Boston Round, Glass	20-400	1 oz	30 mL	-30
	Amber, Boston Round, Glass	33-400	32 oz	960 mL	-60
	Amber, Winchester, 1L, Glass	GL45	1 L	500 mL	-75
	Amber, Winchester, 1L, Glass	GL45	1 L	1000 mL	-1L
	White, Nalgene, Plastic	33/415	1 L	1000 mL	-80
	White, Nalgene, Plastic	24/415	250 mL	250 mL	-82

Section 3: Vials, Columns, and Bottles by Pack Size

Choose from our selection of vials, columns, and bottles by pack size to meet your lab's needs.

Monomers			
Pack Size/Product Volume	Instrument	Description	Catalog Code
50 μ moles	Default/ABI	6.5ml septum	-95
	Expedite (E)	1oz Boston Round	-95E
100 μ moles	Default/ABI	6.5ml septum	-90
	Expedite (E)	1oz Boston Round	-90E
	MerMade (M)	30ml Boston Round	-90M
0.25 grams	Default/ABI	6.5ml septum	some '-02's
	Default/ABI	15ml septum	-02
	Expedite (E)	1oz Boston Round	-02E
	Expedite (E)	1oz Boston Round	-C2
	MerMade (M)/Dr. Oligo	30ml Boston Round	-02M
0.5 grams	Default/ABI	15ml septum	-05
	Expedite (E)	1oz Boston Round	-05E
	Expedite (E)	1oz Boston Round	-C5
1 gram	Default/ABI	15ml septum	-10
	Expedite (E)	1oz Boston Round	-1C
2 grams	Default/ABI/GE	60ml septum	-20
	Expedite (E)	2oz Boston Round	-2C
4 grams	Default/ABI	60ml septum	-40
5 grams	Default/ABI/GE	100ml septum	-50
	MerMade (M)/Dr. Oligo	30ml Boston Round	-05M
	MerMade (M)/Dr. Oligo	250ml Boston Round	-5S
10 grams	MerMade (M)/Dr. Oligo	250ml Boston Round	-1S
20 grams		480ml Boston Round	-2S

Supports			
Pack Size/Product Volume	Instrument	Description	Catalog Code
0.2 μ moles	ABI 392, 394, 3400	Small TWIST Column	-42
	Expedite	Expedite Style Column	-42E
	ABI 3900/Dr. Oligo	ABI 3900 Style Column with smaller top frit for CPG supports	-42A
	MerMade	MerMade Style Columns High Volume	-42M
1 μ mole	ABI 392, 394, 3400	Small TWIST Column	-41
	Expedite	Expedite Style Column	-41E
	ABI 3900/Dr. Oligo	ABI 3900 Style Column with larger top frit for CPG supports	-41A
	ABI 3900/Dr. Oligo	ABI 3900 Style Column with larger top frit for CPG supports	-61
	MerMade	MerMade Style Columns High Volume	-41M
	MerMade	MerMade Style Columns High Volume	-61
	MerMade	MerMade Style Columns High Volume	-91
10 μ moles	ABI 392, 394, 3400	Big TWIST Column	-13
15 μ moles	Expedite	Big TWIST Column	-14
40 nmoles	ABI 392, 394, 3400	Small TWIST Column	-45
	Expedite	Expedite™ Style Column	-45E
	ABI 3900/Dr. Oligo	ABI 3900 Style Column with smaller top frit for CPG supports	-45A
	ABI 3900/Dr. Oligo	ABI 3900 Style Column with smaller top frit for CPG supports	-65
	ABI 3900/Dr. Oligo	ABI 3900 Style Column for Polystyrene Supports	-55
	ABI 3900/Dr. Oligo	ABI 3900 Style Column for Polystyrene Supports	-65
	MerMade	MerMade Style Columns Low Volume	-45M
	MerMade	MerMade Style Columns Low Volume	-95
50 nmoles	MerMade	MerMade Style Columns Low Volume	-65
200 nmoles	ABI 3900/Dr. Oligo	ABI 3900 Style Column with smaller top frit for CPG supports	-62
	ABI 3900/Dr. Oligo	ABI 3900 Style Column for Polystyrene Supports	-52
	ABI 3900/Dr. Oligo	ABI 3900 Style Column for Polystyrene Supports	-62
	MerMade	MerMade Style Columns High Volume	-62
	MerMade	MerMade Style Columns High Volume	-92

Solvent/Reagent			
Pack Size/Product Volume	Instrument	Description	Catalog Code
20 mL	Not instrument specific	Amber, Boston Round, Glass	-20
30 mL	Not instrument specific	Amber, Boston Round, Glass	-30
45 mL	ABI, Expedite, GE	Amber, Tubing, Glass, Septum Top	-45
60 mL	Expedite	Amber, Boston Round, Glass	-66
100 mL	ABI, Expedite, MerMade, GE, Dr. Oligo	Amber, Serum Vial, Glass, Septum Top	-50
200 mL	ABI, Expedite	Amber, Boston Round, Glass,	-52
	Expedite	Amber, Boston Round, Glass,	-68
250 mL	Not instrument specific	White, Nalgene, Plastic	-82
300 ml	Expedite	Amber, Boston Round, Glass	-53
450 mL	ABI, Expedite, MerMade, Dr. Oligo	Amber, Boston Round, Glass	-57
500 mL	Not instrument specific	Amber, Winchester, 1L, Glass	-75
960 mL	Not instrument specific	Amber, Boston Round, Glass	-60
	MerMade	Amber, Boston Round, Glass	-61
1000 mL	GE	Amber, Winchester, 1L, Glass	-71
	Not instrument specific	Amber, Winchester, 1L, Glass	-1L
	Not instrument specific	White, Nalgene, Plastic	-80
2000 mL	MerMade, Dr. Oligo	Amber, Boston Round, Glass	-62