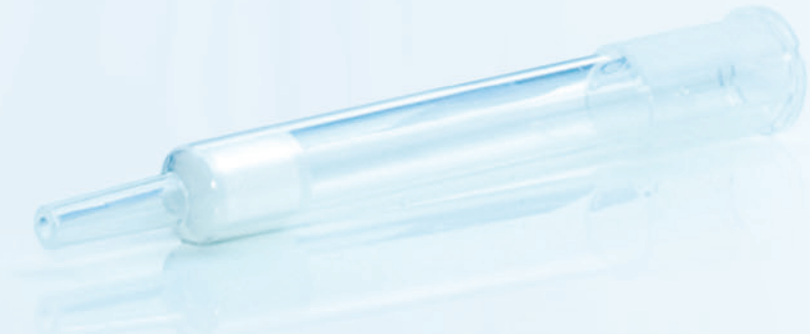


QIAGEN® Originals — Pure Plasmids, Genuine Kits

Plasmid Mini Spin-based

- A. Gravity flow
 - QIAGEN Plasmid Mini Kits
- B. Centrifuge-driven
 - Quicklyse Miniprep Kits
- C. Centrifuge- and vacuum-based on QIAvac 24 Plus
 - QIAprep Spin Miniprep Kits

(A)



(B)



(C)



Plasmid Maxi

- D. Gravity flow
 - QIAGEN Plasmid Midi, Maxi, Mega and Giga Kits
 - EndoFree Plasmid Maxi, Mega and Giga Kits
- E. Gravity flow + QIAfilter/vacuum
 - QIAfilter Plasmid Midi, Maxi, Mega and Giga Kits
- F. Gravity flow + QIAfilter + QIAconcentrator
 - HiSpeed Plasmid Midi and Maxi Kits
- G. Vacuum-based on QIAvac 24 Plus
 - CompactPrep Midi and Maxi Kits
 - QIAGEN Plasmid Plus Midi, Maxi, Mega and Giga Kits
- H. Vacuum-based on QIAvac HiSpeed LS
 - HiSpeed Plasmid Mega & Giga EF Kits

(D)



(E)



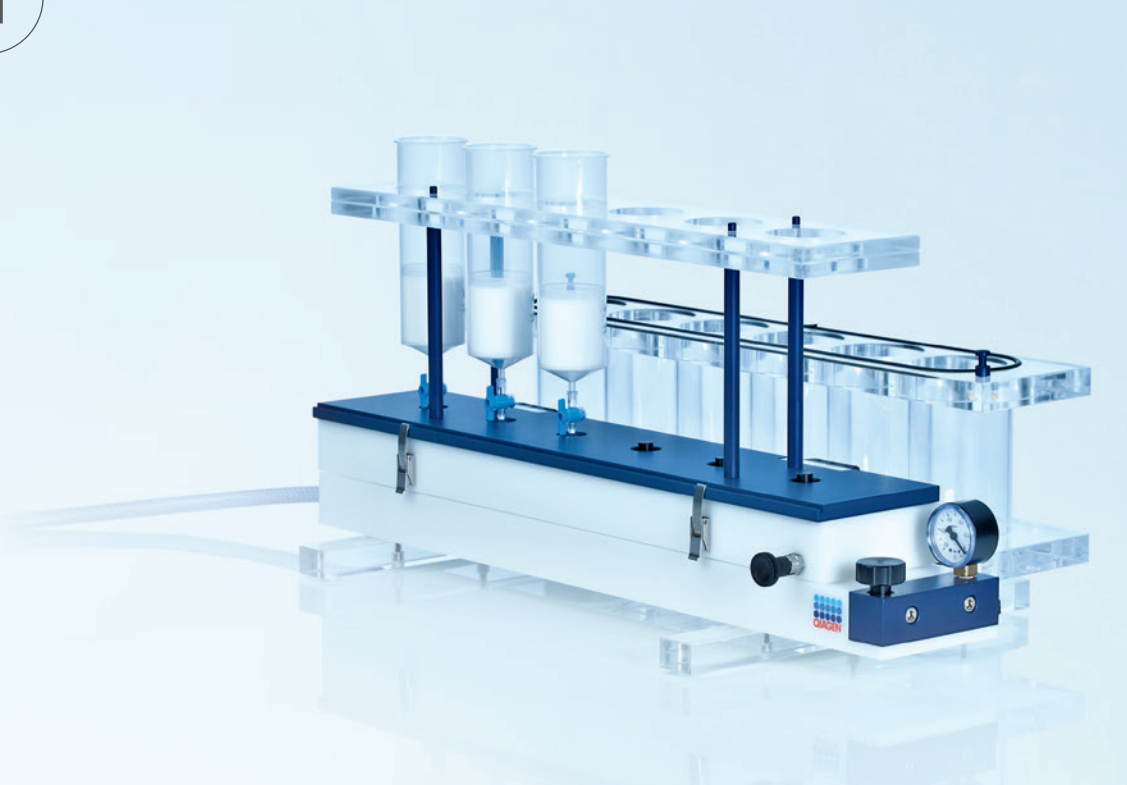
(F)



(G)



(H)



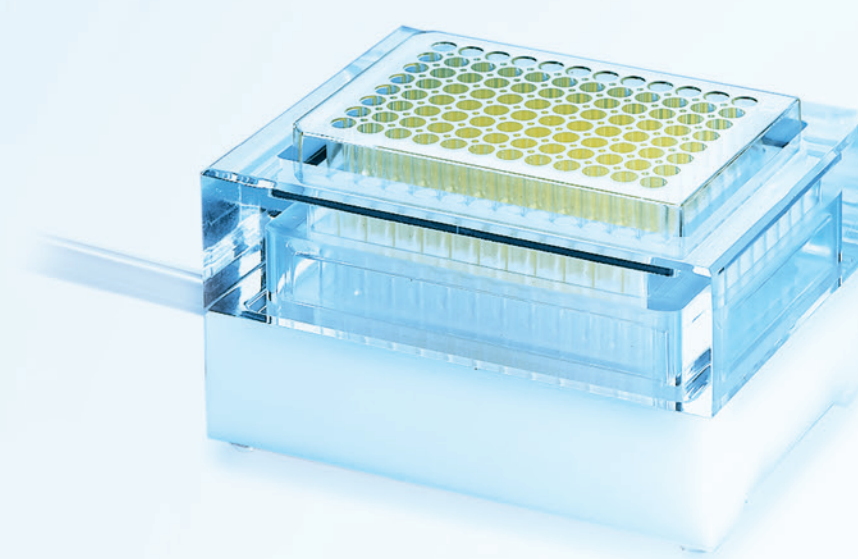
96-well plates

- I. Centrifuge-driven
 - QIAGEN Plasmid Plus 96 Miniprep Kits
 - QIAprep 96 Plus Miniprep Kits
 - R.E.A.L. Prep 96 Plasmid Kits
- J. Vacuum-based on QIAvac 96
 - QIAGEN Plasmid Plus 96 Miniprep Kits
 - QIAprep 96 Plus Miniprep Kits
 - QIAprep 96 Turbo Miniprep Kits
 - R.E.A.L. Prep 96 Plasmid Kits
- K. Vacuum-based on QIAvac Multiwell
 - DirectPrep 96 Miniprep Kits

(I)



(J)



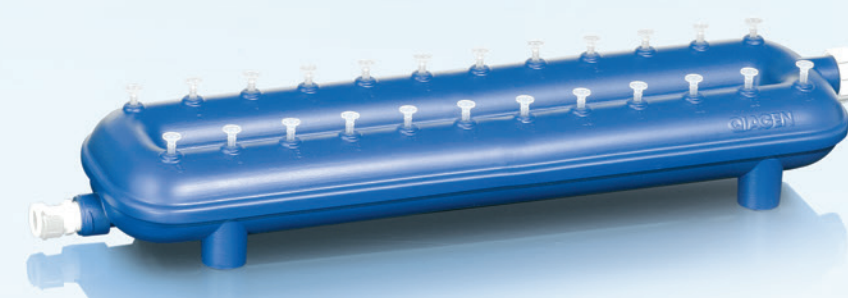
(K)



Vacuum System

- L. Vacuum system
 - Vacuum pump
 - QIAvac Connecting System connects to:
- M. QIAvac 24 Plus
- N. QIAvac HiSpeed LS

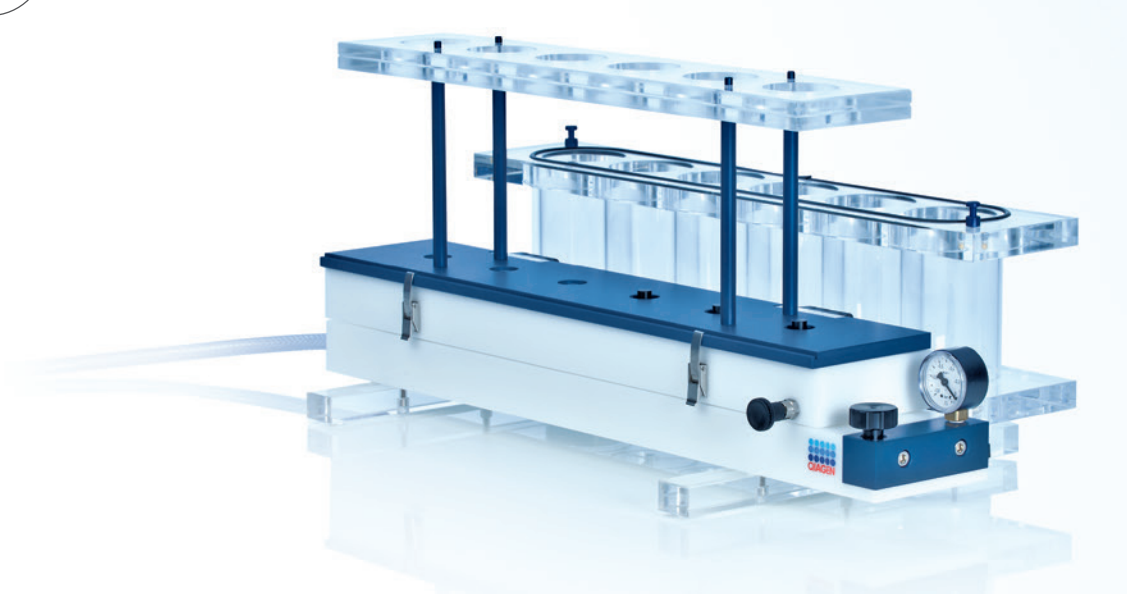
(L)



(M)



(N)



DNA purity, yield and kit format

Quality grade	Kit name	Yield (max.)											
		96-well (1.3–5 ml) DNA yield		Mini (1–5 ml) DNA yield		Midi (20–50 ml) DNA yield		Maxi (80–150 ml) DNA yield		Mega (500 ml) DNA yield		Giga (2.5 l) DNA yield	
	Scale (LB volume*)	Yield	Prep time	Yield	Prep time	Yield	Prep time	Yield	Prep time	Yield	Prep time	Yield	Prep time
Advanced transfection	EndoFree® Plasmid Kit†	–	–	–	–	–	–	<500 µg	150 min ⌚	<2.5 mg	220 min ⌚	<10 mg	310 min ⌚
	HiSpeed® Plasmid EF Kit†	–	–	–	–	–	–	–	–	2.5 mg	50 min ⌚	10 mg	50 min ⌚
Transfection	QIAGEN® Plasmid Plus Kit*	<50 µg	50 min/plate [§] ⌚	–	–	<250 µg	20 min ⌚	<1 mg	20 min ⌚	<2.5 mg	40 min ⌚	<10 mg	50 min ⌚
	HiSpeed® Plasmid Kit	–	–	–	–	<200 µg	45 min ⌚	<750 µg	60 min ⌚	–	–	–	–
	QIAfilter Plasmid Kit	–	–	–	–	<100 µg	110 min ⌚	<500 µg	120 min ⌚	<2.5 mg	190 min ⌚	<10 mg	280 min ⌚
	QIAGEN® Plasmid Kit	–	–	<20 µg	80 min ⌚	<100 µg	150 min ⌚	<500 µg	160 min ⌚	<2.5 mg	220 min ⌚	<10 mg	320 min ⌚
Molecular biology	QIAprep® Spin Miniprep Kit*	–	–	<20 µg**	30 min ⌚	–	–	–	–	–	–	–	–
	CompactPrep® Plasmid Kit	–	–	–	–	<200 µg	<20 min ⌚	<750 µg	<20 min ⌚	–	–	–	–
	QIAprep® 96 Plus Miniprep Kit	<50 µg	40 min/plate [§] ⌚	–	–	–	–	–	–	–	–	–	–
	QIAprep® 96 Turbo Miniprep Kit	<20 µg	<45 min/plate [§] ⌚	–	–	–	–	–	–	–	–	–	–
Sequencing	Quicklyse Miniprep Kit	–	–	<15 µg	9 min ⌚	–	–	–	–	–	–	–	–
	R.E.A.L.® Prep 96 Plasmid Kit	<30 µg††	70 min/plate ⌚	–	–	–	–	–	–	–	–	–	–
	DirectPrep® 96 Miniprep Kit	<4 µg	35 min/plate ⌚	–	–	–	–	–	–	–	–	–	–

* Culture volumes when using a high-copy vector † EndoFree = <0.1 EU/µg DNA ‡ EndoReduced = <1 EU/µg DNA § Prep times for manual handling ¶ Automatable on the QIAcube® ** High-Yield protocol also available †† 1 µg BAC

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