

Selection Guide

QIAGEN® plasmid purification kits

QIAGEN Plasmid Kit
QIAprep® Spin Miniprep Kit
Quicklyse Miniprep Kit
QIAGEN Plasmid Mini Kit
lwth Endofree® Buffer Seal
QIAGEN Plasmid Plus 96 Miniprep Kit
QIAprep 96 Plus Miniprep Kit
QIAprep 96 Turbo Miniprep Kit
DirectPrep® 96 Miniprep Kit
R.E.A.L.® Prep 96 Plasmid Kit

Application grades		Applications	Small-scale plasmid purification (20 µg) in spin-column format				Small-scale plasmid purification (20 µg) in 96-well format				
Advanced transfection grade	Transfection grade		QIAGEN Plasmid Kit	QIAprep Spin Miniprep Kit	Quicklyse Miniprep Kit	QIAGEN Plasmid Mini Kit lwth Endofree Buffer Seal	QIAGEN Plasmid Plus 96 Miniprep Kit	QIAprep 96 Plus Miniprep Kit	QIAprep 96 Turbo Miniprep Kit	DirectPrep 96 Miniprep Kit	R.E.A.L. Prep 96 Plasmid Kit
Advanced transfection grade	Transfection grade	Transfection of primary/sensitive cells				●					
		Gene silencing	○			●					
		Microinjection	○			●	○				
		Research on gene therapy				●					
		Transfection of most cells*	●			●	●	●			
		Demanding enzymatic modifications	●	○		●	●	●	○		
		Library constructions (BACs and cosmids)	○			○	○	○			○
		Transfection of robust cells*	●	●		○	●	●	○		
		In vitro transcription	●	●		○	●	●	●		
		In vitro translation	●	●		○	●	●	●		
		High-quality sequencing	●	●	○	○	●	●	●	●	○
		Cloning	●	●	○	○	●	●	●		
		Probe generation	●	●	○	○	●	●	●		
		High-throughput sequencing†	○	○	○	○	●	●	●	●	●
		PCR	●	●	●	○	●	●	●	●	●
		Restriction digestion	●	●	●	○	●	●	●	●	●
		Transformation	●	●	●	○	●	●	●	●	●
Automation/ Procedure	BioRobot® Universal System					●	●	●		●	
	QIAcube®		●								
	Vacuum/QIAvac		● [‡]			● [§]	● [§]	● [§]	● [‡]	● [§]	
	QIAfilter cartridge										
	Gravity-flow	●									
Centrifuge	●	●	●	●	●	●	●	●	●		

●: Recommended kit.

○: Compatible kit.

* Transfection of sensitive cells may require a higher DNA grade.

† Long reads and difficult or heterogeneous templates may require higher DNA purity.

‡ QIAvac 24 Plus.

§ QIAvac 96.

