QIAcube | Protocol Sheet

General Information (April 2010)

Application	Cleanup
Kit	QIAquick® PCR Purification Kit
Sample material	Amplification reactions
Short protocol name	Large-volume samples
Version	1
Full protocol name	Purification of PCR products from 100–200 μl PCR samples
Editable parameters	Fill-up volume: 0–100 μl in increments of 5 μl; default 50 μl Elution volume: 30–100 μl in increments of 10 μl; default 50 μl
Required QIAcube® software versions	**Firmware version FIW-50-001-J_FW_MB.hex and PLC program version FIW-50-002-G_PLC_MB.prs or higher; available from the QIAcube Web Portal**

Shaker

Material	100–200 μl PCR samples; for volumes <200 μl, make sure to enter the volume of Buffer EB that the QIAcube should use to adjust the sample volumes to 200 μl before starting the protocol run
Vessel	2 ml safe-lock microcentrifuge tube*
Adapter	Shaker adapter for 2 ml microcentrifuge tubes (marked with "2")

* Sample Tubes RB, 2 ml (cat. no. 990381); see www.qiagen.com/MyQIAcube.
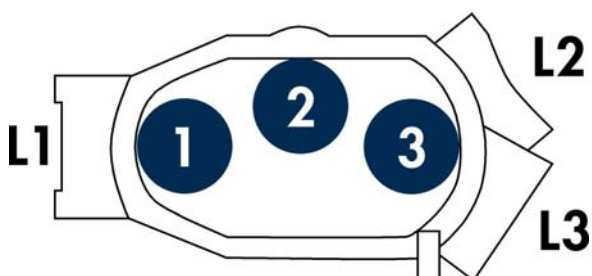
Disposable Tips

Disposable Filter-Tips, 1000 μl

Disposable Filter-Tips, 200 μl

Reagent Bottle Rack

Rack labeling strip	QIAquick

Position	Reagent
1	Buffer PB
2	–
3	–
4	–
5	Buffer PE
6	Buffer EB

Rotor Adapter

Position	Labware	Lid position
1	QIAquick spin column	L1
2	–	–
3	1.5 ml collection tube†	L3

† Sarstedt, Micro tube 1.5 ml Safety Cap (see www.sarstedt.com).

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Microcentrifuge Tube Slots

	Position		
	A	**B**	**C**
Content			
Vessel			

	Volume of reagent required for the indicated number of samples (*µ*l)		
Number of samples	**A**	**B**	**C**
2			
3			
4			
5			
6			
7			
8			
9			
10			
12			

Comments

Before starting the protocol, be sure to enter the volume of Buffer EB that the QIAcube should use to make the sample volumes up to 200 *µ*l.

Press "Edit" and then select "Fill-up volume". For example, for sample volumes of 200 *µ*l enter "0 *µ*l" as the fill-up volume; for sample volumes of 150 *µ*l, enter "50 *µ*l" as the fill-up volume.

Fill-up volume range: 0–100 *µ*l; default 50 *µ*l.

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