

General Information

Application	RNA
Kit	AllPrep® PowerViral® DNA/RNA Kit (cat. no. 28000-50)
Sample material	Processed wastewater
Short protocol name	Standard
Version	1
Full protocol name	Viral and bacterial total nucleic acids from samples high in PCR inhibitors
Editable parameters	Elution volume: 50–100 µl in increments of 10 µl; default set to 100 µl
Required QIAcube software versions	Firmware version FIW-50-001-L_FW_MB.hex and PLC program version FIW-50-002-J_PLC_MB.prs or higher; available at the QIAcube Web Portal

Shaker

Material	600 µl sample in shaker; for detailed information, see “Comments” on the next page
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).

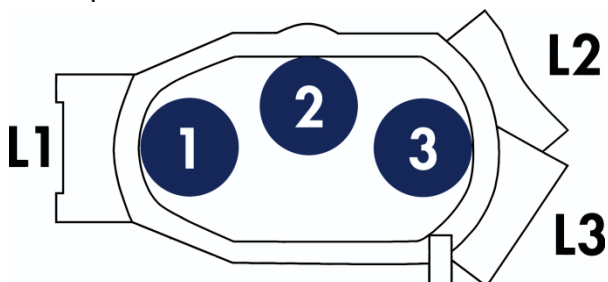
Disposable Tips

Disposable Filter-Tips, 1000 µl

Reagent Bottle Rack

Rack labeling strip	Unlabeled
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Rotor Adapter



Position	Reagent
1	Solution PM3
2	Solution PM4
3	Solution PM5
4	RNase-free water
5	–
6	–

Position	Labware	Lid position
1	MB RNA Spin Column	L1
2	–	–
3	Elution tube (1.5 ml)*	L3

* Sarstedt® Micro tube 1.5 ml (cat. no. 72.690; see www.sarstedt.com).

Microcentrifuge Tube Slots

	Position		
	A	B	C
Content	–	–	–
Vessel	–	–	–

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

Comments

Sample material

Prepare the samples by following steps 1–9 of the protocol in the *AllPrep PowerViral DNA/RNA Kit Handbook 04/2018*.

Transfer at least 600 µl sample obtained in step 9 into 2 ml microcentrifuge tubes in the shaker position. If the sample volume is less than 600 µl, add Solution PM1 or deionized water up to the recommended final volume. Solution PM1 is available as an accessory product (cat. no 26000-50-1).

Note: Kit content is calculated for manual use. When automating on the QIAcube, the sample number could be less than that stated in the kit handbook or kit label.

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