

General Information

Application	RNA
Kit	AllPrep [®] PowerViral [®] DNA/RNA Kit (cat. no. 28000-50)
Sample material	Processed wastewater
Short protocol name	IRT
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	450 µl sample in rotor adapter position 2; 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).

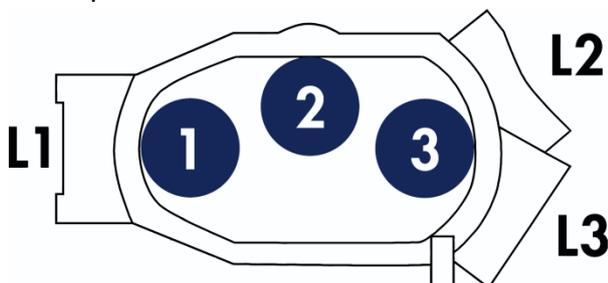
Disposable Tips

Disposable Filter-Tips, 1000 µl

Reagent Bottle Rack

Rack labeling strip	Unlabeled
---------------------	-----------

Rotor Adapter



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

Position	Labware	Lid position
1	MB RNA Spin Column	L1
2	450 µl sample	–
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

Things to do before starting

Prepare the samples by following steps 1–6 of the protocol in the *AllPrep PowerViral DNA/RNA Kit Handbook 04/2018*.

After centrifugation in step 7, transfer at least 450 µl of sample into Rotor Adaptor position 2 = Rotor Adaptor Middle Position. If the sample volume is less than 450 µl, add Solution PM1 up to the final volume.

Important: It is critical that you use Solution PM1 and not water to adjust the volume.

Solution PM1 is available as an accessory product (cat. no. 26000-50-1).

Note: With this protocol, up to 10 samples can be processed.

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

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

Trademarks: QIAGEN®, Sample to Insight®, QIAcube®, AllPrep®, PowerViral® (QIAGEN Group); Sarstedt® (Sarstedt AG and Co.). Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.
10/2021 HB-2284-S01-001 © 2021 QIAGEN, all rights reserved.