

MagNA Pure 96 System Protocols

Target	Protocol Name	Input Sample Type and Sample Volumes													Elution Volume	Run Time*** (h:mm)	
		Whole Blood	Plasma (citrate)	Plasma (EDTA)	Serum	NPS*	BAL**	Sputum	CSF	Urine	Stool	Cultured Cells	Fresh Frozen Tissue	FFPE			
Bacterial, Fungal, and Viral total NA	Pathogen Universal 200 ¹	200µl													50, 100µl	1:00	
	Pathogen Universal 500 ²	500µl														1:30	
	Pathogen Universal 1000 ²	1000µl														1:40	
	Viral NA Plasma SV ¹		50, 100, 200µl														1:00
	Viral NA Plasma LV ²		500µl														1:20
	Viral NA Plasma LV 1000 ²		1000µl														1:30
	Viral NA Plasma ext lys SV ¹ Protocol optimized with external lysis reagent	100, 200µl															1:00
	Viral NA Plasma ext lys LV ² Protocol optimized with external lysis reagent		500µl														1:10
	Viral NA Universal SV ¹	50, 100, 200µl				50, 100, 200µl											1:00
	Viral NA Universal LV ²		500µl			500µl											1:30
	Viral NA Universal LV 1000 ²		500µl			1000µl											1:30
Genomic NA	DNA Blood ds SV ¹ Protocol optimized for double-stranded DNA and NGS	200µl														50, 100µl	1:00
	DNA Blood SV ¹	50, 100, 200µl															1:00
	DNA Blood LV ²	500µl														100, 200µl	1:20
	DNA Blood LV 1000 ²	1000µl															1:40
	DNA Blood ext lys SV ¹ Protocol optimized with external lysis reagent	50, 100, 200µl														50, 100µl	0:50
	DNA Blood ext lys LV ² Protocol optimized with external lysis reagent	500µl														100, 200µl	0:50
	DNA Cells SV ¹											Up to 5x10 ⁶ cultured cells in 200µl PBS				100µl	1:00
	DNA Cells LV ¹											Up to 1x10 ⁶ cultured cells in 200µl PBS				100, 200µl	1:20
	DNA Tissue SV ¹											Up to 5mg in 200µl				200µl	1:00
	DNA Tissue LV ²											Up to 25mg in 200µl				200µl	1:20
	DNA FFPE SV ¹													Digested in 200µl ⁴		50, 100µl	1:00
Cell-Free NA	cfNA ss 2000 ²⁺⁴ Protocol optimized for single-stranded DNA			2000µl												50, 100µl	2:00
	cfNA ss 4000 ²⁺⁴ Protocol optimized for single-stranded DNA			4000µl													2:20
	cfNA ds 2000 ²⁺⁴ Protocol optimized for double-stranded DNA			2000µl												100, 200µl	2:30
	cfNA ds 4000 ²⁺⁴ Protocol optimized for double-stranded DNA			4000µl													2:50
RNA	Cellular RNA LV ³										Up to 1x10 ⁶ cultured cells in 200µl PBS					50, 100, 200µl	1:30
	RNA Blood LV 400 ³	400µl														50, 100, 200µl	1:35
	RNA Blood LV 800 ³	800µl														100, 200µl	1:35
	RNA PAXgene LV ³	PAX Gene pellet in 400µl PBS														100, 200µl	1:30
	RNA PAXgene Half Tube LV ³	Half PAX Gene pellet in 200µl PBS														50, 100µl	1:30
	RNA Tissue FF Standard LV ³											Up to 10mg in 350µl				50, 100, 200µl	1:35
	RNA Tissue FF High LV ³											Up to 25mg in 700µl				100, 200µl	1:35
	RNA Tissue FFPE LV ³													1 x 5-10µm section		50, 100µl	1:30

New Protocols

- ¹ MP 96 DNA and Viral NA Small Volume Kit (cat. no. 06 543 588 001)
- ² MP 96 DNA and Viral NA Large Volume Kit (cat. no. 06 374 891 001)
- ³ MP 96 Cellular RNA Large Volume Kit (cat. no. 05 467 535 001)
- ⁴ MagNA Pure cfNA Buffer Set (cat. no. 07 794 398 001)

- *NPS - Nasopharyngeal/Nasal Swabs
- **BAL - Bronchoalveolar Lavage
- ***These times are approximate and should only be used as a guidance.

Start here. Go Anywhere.



All MagNA Pure 24 Kits, Consumables, and Accessories are for in vitro diagnostic unless otherwise noted.
 MAGNA PURE is a registered trademark of Roche.
 All other product names and trademarks are the property of their respective owners.
 © 2018 Roche Molecular Systems, Inc. All rights reserved.

Published by
 Roche Molecular Systems, Inc
 4300 Hacienda Drive
 Pleasanton, CA 94588 USA
 PP-GBL-00836 05.2018