

MagNA Pure 96 System Protocols

Target	Protocol Name	Input Sample Type and Sample Volumes													Elution Volume
		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
	Pathogen Universal 500 ²	500µl													
	Pathogen Universal 1000 ²	1000µl													
	Viral NA Plasma SV ¹			50, 100, 200µl											
	Viral NA Plasma LV ²			500µl											
	Viral NA Plasma LV 1000 ²			1000µl											
	Viral NA Plasma ext lys SV ¹ Protocol optimized with external lysis reagent	100, 200µl													
	Viral NA Plasma ext lys LV ² Protocol optimized with external lysis reagent		500µl												
	Viral NA Universal SV ¹	50, 100, 200µl			50, 100, 200µl										
	Viral NA Universal LV ²		500µl		500µl										
Viral NA Universal LV 1000 ²		500µl		1000µl											
Genomic NA	DNA Blood ds SV ¹ Protocol optimized for double-stranded DNA and NGS	200µl												50, 100µl	
	DNA Blood SV ¹	50, 100, 200µl													
	DNA Blood LV ²	500µl												100, 200µl	
	DNA Blood LV 1000 ²	1000µl													
	DNA Blood ext lys SV ¹ Protocol optimized with external lysis reagent	50, 100, 200µl												50, 100µl	
	DNA Blood ext lys LV ² Protocol optimized with external lysis reagent	500µl												100, 200µl	
	DNA Cells SV ¹											Up to 5x10 ⁵ cultured cells in 200µl PBS		100µl	
	DNA Cells LV ¹											Up to 1x10 ⁵ cultured cells in 200µl PBS		100, 200µl	
	DNA Tissue SV ¹											Up to 5mg in 200µl		200µl	
	DNA Tissue LV ²											Up to 25mg in 200µl			
DNA FFPE SV ¹												Digested in 200µl ¹	50, 100µl		
Cell-Free NA	cfNA ss 2000 ²⁺⁴ Protocol optimized for single-stranded DNA			2000µl										50, 100µl	
	cfNA ss 4000 ²⁺⁴ Protocol optimized for single-stranded DNA			4000µl											
	cfNA ds 2000 ²⁺⁴ Protocol optimized for double-stranded DNA			2000µl										100, 200µl	
	cfNA ds 4000 ²⁺⁴ Protocol optimized for double-stranded DNA			4000µl											
RNA	Cellular RNA LV ³											Up to 1x10 ⁶ cultured cells in 200µl PBS		50, 100, 200µl	
	RNA Blood LV 400 ³	400µl												50, 100, 200µl	
	RNA Blood LV 800 ³	800µl												100, 200µl	
	RNA PAXgene LV ³	PAX Gene pellet in 400µl PBS												100, 200µl	
	RNA PAXgene Half Tube LV ³	Half PAX Gene pellet in 200µl PBS												50, 100µl	
	RNA Tissue FF Standard LV ³											Up to 10mg in 350µl		50, 100, 200µl	
	RNA Tissue FF High LV ³											Up to 25mg in 700µl		100, 200µl	
	RNA Tissue FFPE LV ³												1 x 5-10µm section	50, 100µl	

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

Start here. Go Anywhere.



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