

MagNA Pure 24 System Protocols

Target	Protocol Name	Input Sample Type and Sample Volumes									Elution Volume	Run Time*** (h:mm)
		Whole Blood	Plasma	Serum	Nasal Swabs*	BAL**	Urine	Stool	Cultured Cells	Fresh Frozen Tissue		
Bacterial, Fungal, and Viral NA	Pathogen 200 Protocol optimized for speed	200 µL									50 or 100 µL	1:22
	Pathogen 200 hp Protocol optimized for yield and purity											
	Fast Pathogen 200 8 sample protocol optimized for speed, yield and purity											
	Pathogen 1000 Protocol optimized for yield and purity											
	External Lysis Pathogen 200 External Lysis Pathogen 500 Protocols optimized with external lysis buffer	200 µL	500 µL									1:30
											1:40	
Genomic DNA	hgDNA 200 Protocol optimized for human genomic NA									Up to 5mg	100 or 200 µL	1:15
	Fast hgDNA 200 8 sample protocol optimized for speed	200 µL								Up to 5x10 ⁵		0:25
	hgDNA ds 200 Protocol optimized for NGS											1:15
	hgDNA 1000 Protocol optimized for yield and purity	500 or 1000 µL								Up to 1x10 ⁶		2:25
Cell-Free NA	cfNA ss 2000 cfNA ss 4000 Protocols optimized for single-stranded DNA		2000 µL								50 or 100 µL	2:05
			4000 µL									3:00
	cfNA ds 2000 cfNA ds 4000 Protocols optimized for double-stranded DNA		2000 µL								100, 150, or 200 µL	2:30
			4000 µL									3:30
	cfNA ds 4000 hp Protocol optimized for double-stranded DNA and NGS		4000 µL								60 or 150 µL	4:40
Post Elution	Sample Transfer to the processing cartridge				200 µL							0:08
	PCR Setup for 2-25 µL per eluate for PCR Setup in FrameStrip with flat caps-Low Profile or LightCycler® 8-tube strips				500 µL							0:05
	Archiving for 25-50 µL per eluate FrameStrip low profile strips, or LightCycler® 8-tube strips				1000 µL							0:05

New Protocols

*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.

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