

The MagNA Pure 96 System – Proven Performance for Real High Throughput

Roche Applied Science has developed a new system for automated nucleic acid purification that is designed with a focus on the needs of high throughput laboratories. The new MagNA Pure 96 System enables convenient, safe and fast nucleic acid purification due to prefilled reagent kits and few disposables. It is the first fully automated, integrated system processing one to 96 standard volume samples per run with a short turnaround time of less than one hour.

The versatile MagNA Pure 96 system offers a wide variety of applications, including the isolation of DNA, RNA, and viral nucleic acids from various research materials, such

as mammalian whole blood, cells, plasma, serum, Paxgene tubes, or tissue.* The performance is based on 10 year's experience of Roche Applied Science in development and on the application of glass-magnetic-particle based automated nucleic acid purification systems. Sample input volumes from 50–1,000µl, enable maximal flexibility with respect to individual needs of yield and sensitivity.

Additionally, data management is facilitated by flexible connectivity tools. Data workflow can be optimized in combination with the LightCycler® 480 System. The MagNA Pure 96 System can be used as an automated benchtop solution or with an external supply of system fluid.

* Some applications will be available later in 2009 or 2010.

The MagNA Pure 96 System

➔ High quality of nucleic acids in flexible applications from diverse sample types

Possible with pre-programmed protocols in combination with proven reagent chemistry.

➔ Speed

Fast results due to a short turnaround time: fully automated processing of up to 96 standard volume samples in less than 1 hour (including instrument set-up for typical standard applications).

➔ High productivity

Increasing productivity through more results in less time.

➔ Easy and fast set-up of a run

Easy navigation through the intuitive software and fast run setup by loading few prefilled reagent kits and disposables.

➔ Eliminating contamination

Prefilled reagent kits, special design of disposables, integrated UV decontamination, and drop catcher.

➔ System safety and documentation tools

Bar-coding of all components and automatic control for correct position after loading; integrated sensor monitoring and immediate data documentation.

➔ Easy data management using network

Communication with your laboratory network or LIMS to download or upload data. Avoiding entering data redundantly at subsequent steps of the experimental workflow.

For more information visit www.magnapure96.com.



MagNA Pure 96 Instrument

Product	Pack Size	Cat. No.
MagNA Pure 96 Instrument	instrument, control unit, software, all accessories	05 195 322 001
MagNA Pure 96 DNA and Viral NA Small Volume Kit	3x 192 purifications	05 467 497 001
MagNA Pure 96 DNA and Viral NA Large Volume Kit	3x 96 purifications	05 467 454 001
MagNA Pure 96 Cellular RNA Small Volume Kit	3x 192 purifications	05 467 543 001
MagNA Pure 96 Cellular RNA Large Volume Kit	3x 96 purifications	05 467 535 001

