

Plasmid Purification Made Easy

AmMag™ Quatro



- Fully automated plasmid prep
- Modular scalable design
- Transfection grade plasmids

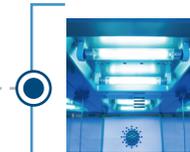
AmMag™ Quatro

GenScript has developed the AmMag™ Quatro an automated solution for purification of large-scale, high-quality, transfection-grade plasmids. The comprehensive solution consists of a system controller that provides simultaneous operation of up to 4 independent purification automation modules, along with pre-filled consumables and verified protocols. Each purification module can process up to 6 samples in one run. Scientists can now purify up to 24 maxi prep samples in a single run starting with bacterial samples weighing up to 1.5 g of wet pellet. The AmMag™ leverages magnetic bead technology and related reagents to automate the entire maxi-scale purification process with increased efficiency and higher throughput while maintaining flexibility.



Out-of-the-Box Solution

Solution includes AmMag™ ready-to-use lot traceable kits and verified protocols.



UV

Programmable decontamination protocol



Scalable

Modular design provides throughput scalability with individual module operation, with each module purifying up to 6 samples



High Quality Plasmid

High yield, low endotoxin, transfection grade plasmid DNA



Efficient

Purify up to 24 samples with a 4 module setup in as little as 2 hours

User Interface

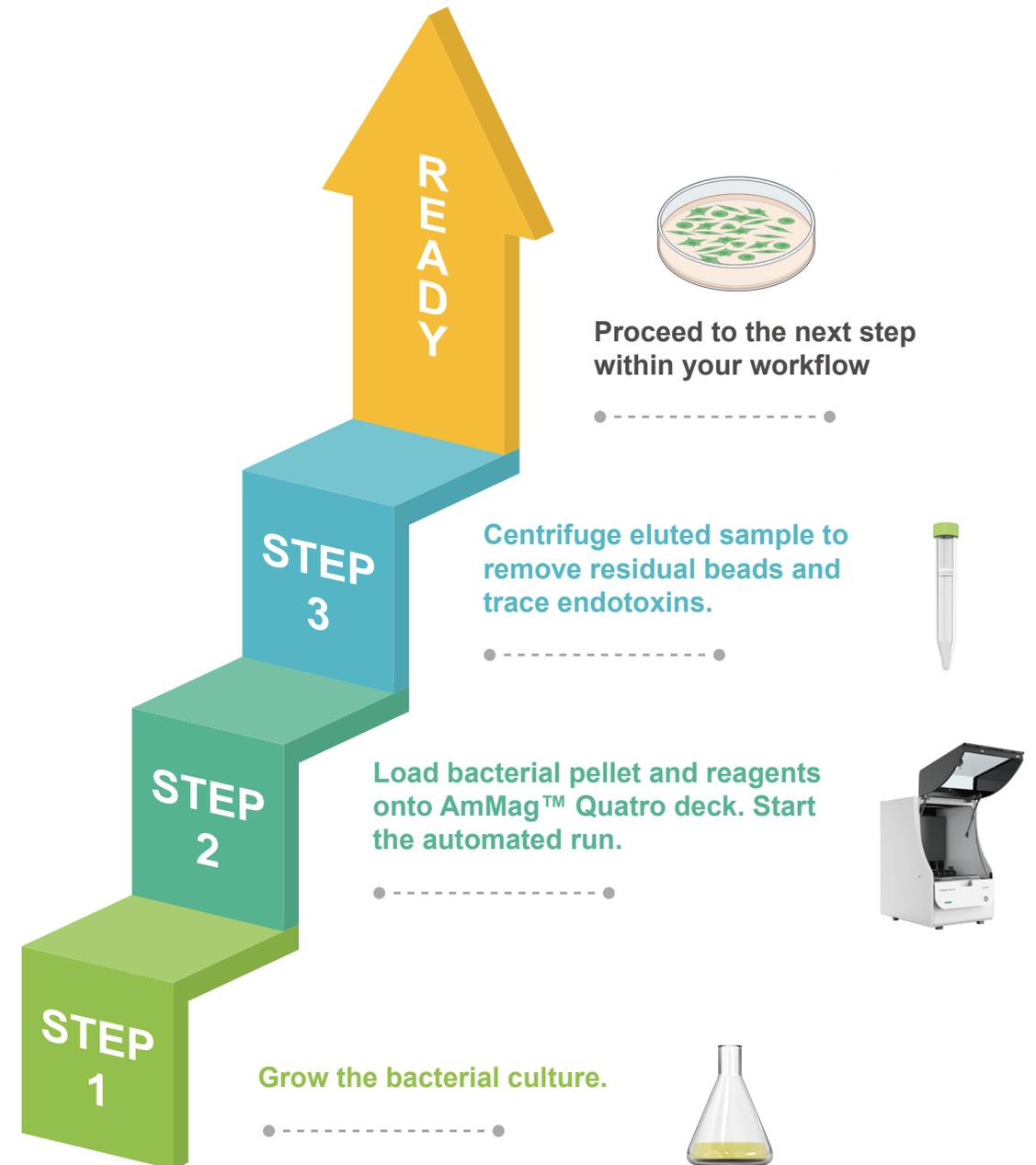
The AmMag™ Quatro provides scientists with pre-programmed, verified protocols, as well as, a flexible, simple and intuitive interface to build customized purification protocols.



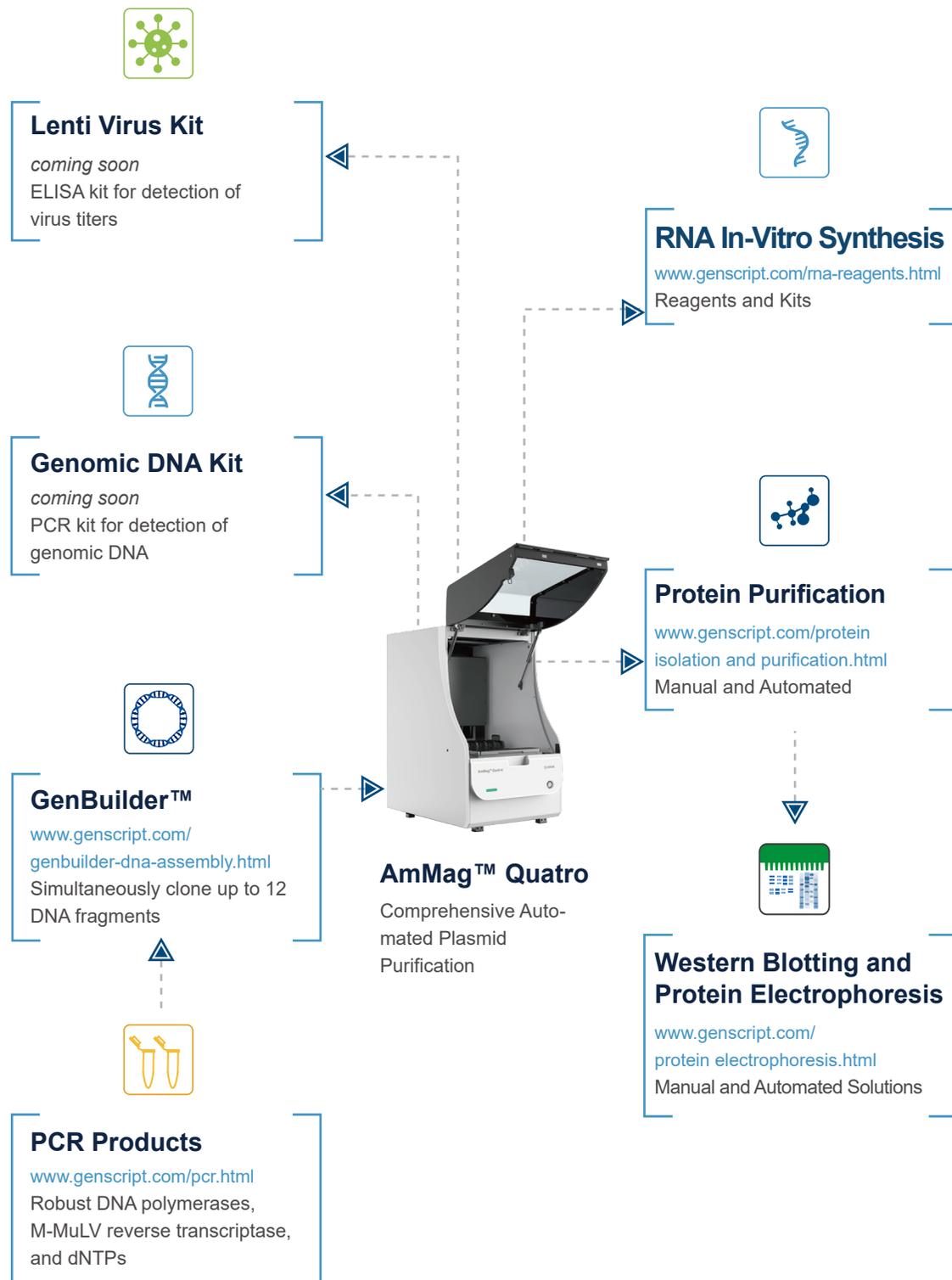
- 1 Main controls are easily accessible
- 2 Scan feature ensures correct labware is loaded prior to starting the sample run
- 3 Pre-programmed, verified protocols can be used or new protocols can be created providing flexibility
- 4 Lot tracking and file export ensuring full traceability
- 5 Workflow screen provides real time status overview and estimated completion time for a full walkaway solution

AmMag™ Quatro Workflow

Plasmid purification in three easy steps.



Solutions for your Various Plasmid DNA Applications



AmMag™ Quatro Specifications and Ordering

Instrument Ordering Information

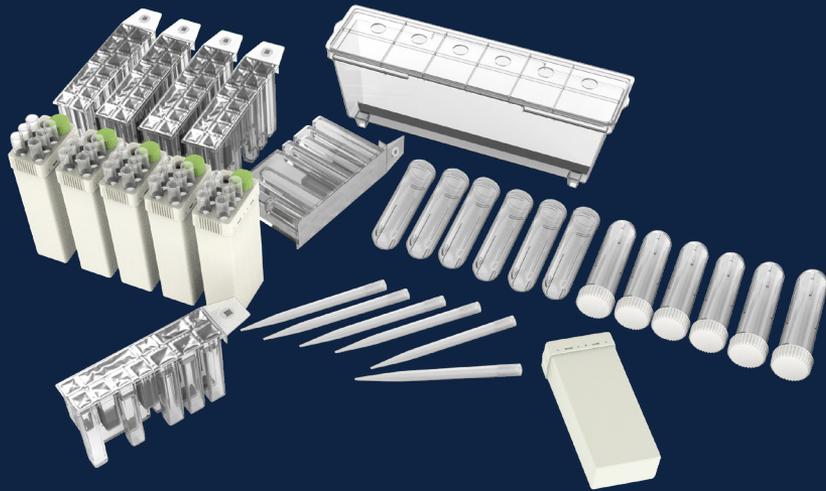
Product	Catalog number	Description
AmMag™ Quatro System Controller	D00018	One system controller can control up to 4 automation modules simultaneously.
AmMag™ Quatro Automation Module	D00019	One automated working module can purify up to 6 samples in one run.

Instrument Specification

System	 System Controller	 Automation Purification Module	
Dimensions LxWxH	382 mm X 461 mm X 249 mm	460 mm X 701 mm X 784 mm	
Module Features	Controls up to 4 automation modules, independently	Sample/Reaction Tube	AmMag™ Quatro 50 ml Tubes
		Sample capacity	6 samples per module 24 samples with a 4 module setup
		Reagent storage conditions	Room Temperature
		Extraction method	Magnetic bead based
		Plasmid sample size	Solid bacteria pellet mass ≤ 1.5g
Environment	Ambient temperature: 18°C~40°C; Relative humidity: ≤85%; Altitude: ≤2000 m		
Power supply	Voltage: 100-240 V -- Frequency: 50/60 Hz -- Power Rating: 2000 VA -- Voltage Category: Class II		

Plasmid Extraction Consumables and Reagents

Product	Catalog number	Description
AmMag™ Quatro Plasmid Purification Kit Maxi 24 prep – Elution: TE buffer 24 samples	L00943-24	The kits are individually packaged for a single sample to reduce the possibility of cross-contamination.
AmMag™ Quatro Plasmid Purification Kit Maxi 24 prep – Elution: H ₂ O 24 samples	L00882-24	The kits are individually packaged for a single sample to reduce the possibility of cross-contamination.



Contact Us

USA

Tel: +1-732-885-9188

Toll-Free: +1-877-436-7274

Fax: +1-732-210-0262

Email: support.US@genscript.com

Address: 860 Centennial Ave. Piscataway NJ 08854

China

Tel: +86-025-58897288 ext 5810

Fax: +86-025-58897288-5815

Email: product@genscript.com.cn

Address: 28 YongXi Road, JiangNing District, Nanjing, China

Asia/Pacific

Tel: +65 3159 1898

Email: sales.AP@genscript.com

Fax: +65 6491 5073

Address: 164 Kallang Way, #06-12, Singapore 349248

Europe

Tel: +31 (0) 71 569 0120

Email: support.EU@genscript.com

Address: Treubstraat 1, 2288Eg Rijswijk Zh Netherlands



Explore the AmMag™ Quatro Solution