

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

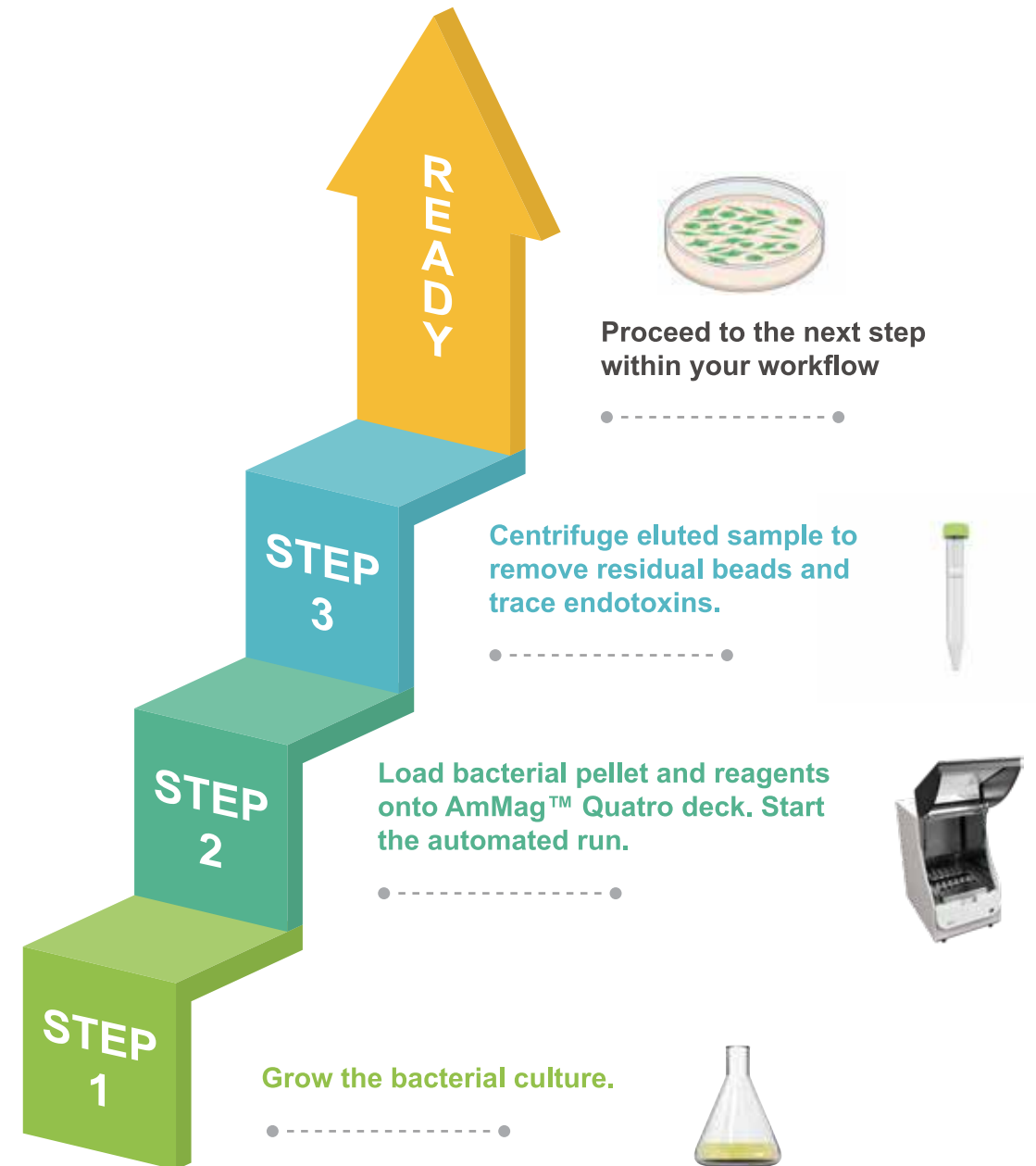
The AmMag™ Quatro provides scientists with pre-programmed, verified protocols, as well as, a flexible, simple and intuitive interface to build customized purification protocols.



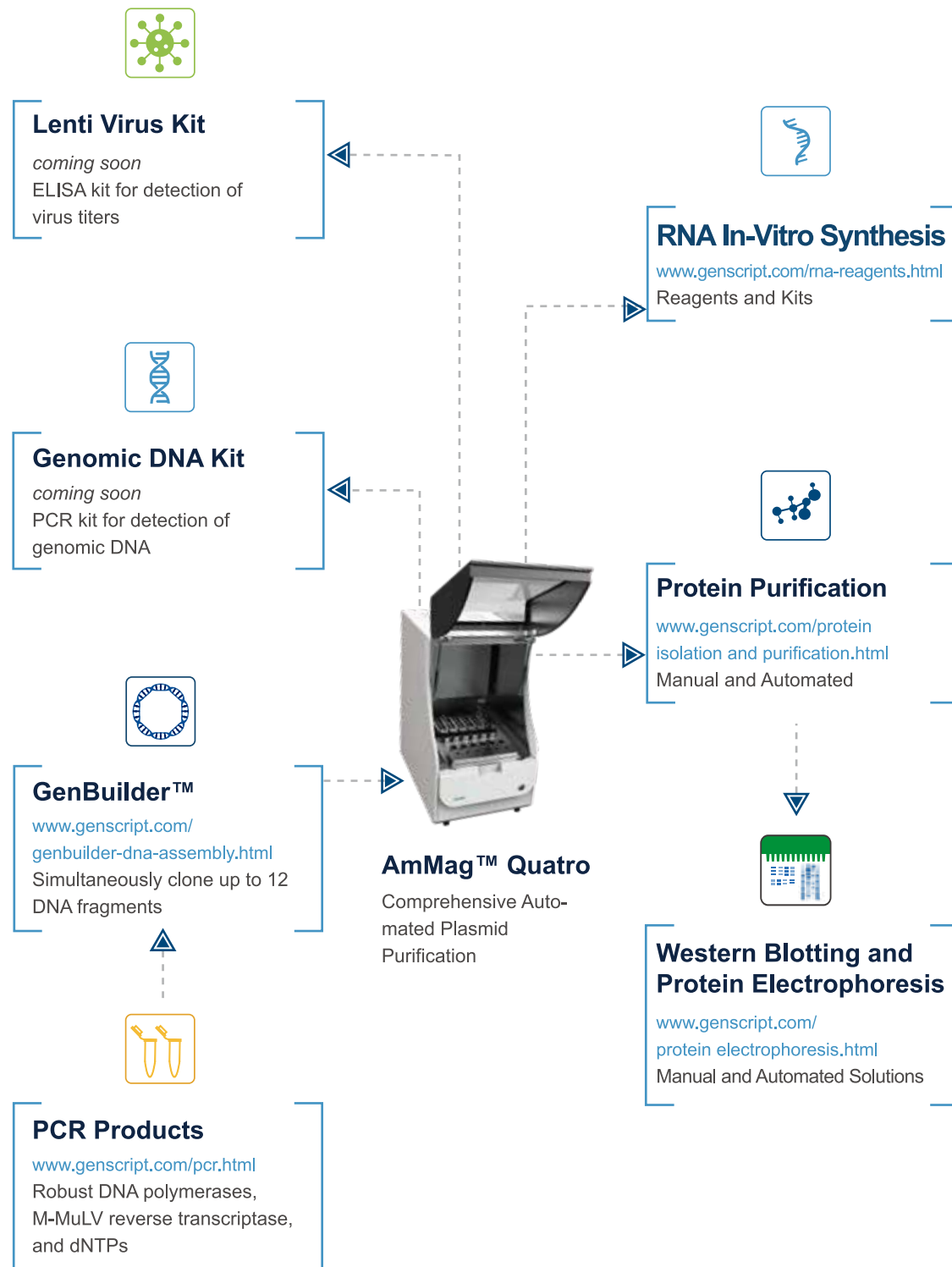
- 1 Main controls are easily accessible
- 2 Scan feature ensures correct labware is loaded prior to starting the sample run
- 3 Pre-programmed, verified protocols can be used or new protocols can be created providing flexibility
- 4 Lot tracking and file export ensuring full traceability
- 5 Workflow 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

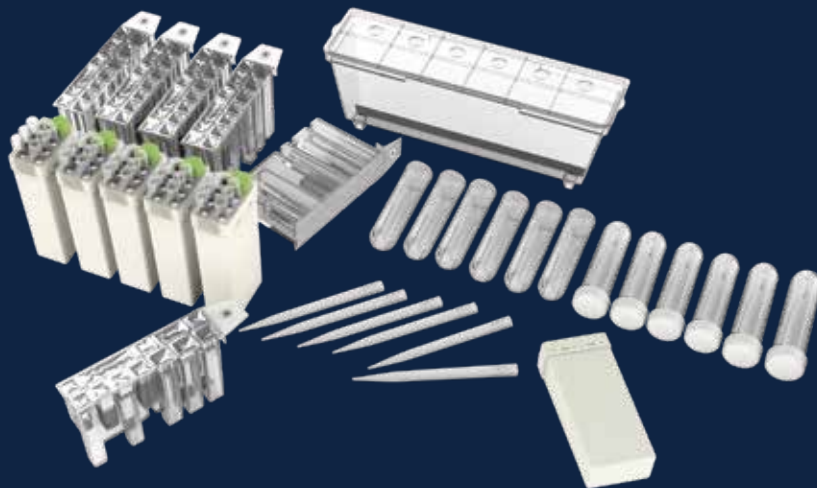
Product	Catalog number	Description
AmMag™ Quatro System Controller	D00018	One system controller can control up to 4 automation modules simultaneously.
AmMag™ Quatro Automation Module	D00019	One automated working module can purify up to 6 samples in one run.

### 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 <sub>2</sub> O 24 samples	L00882-24	The kits are individually packaged for a single sample to reduce the possibility of cross-contamination.



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Explore the AmMag™ Quatro Solution