

Plasmid Purification Made Easy

## AmMag™ Quatro



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

## AmMag™ Quatro

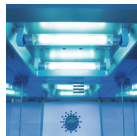
GenScript has developed the AmMag™ Quatro an automated solution for purification of large-scale, high-quality, transfection-grade plasmids. The comprehensive solution consists of a system controller that provides simultaneous operation of up to 4 independent purification automation modules, along with 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.





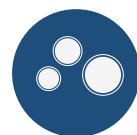
## UV

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

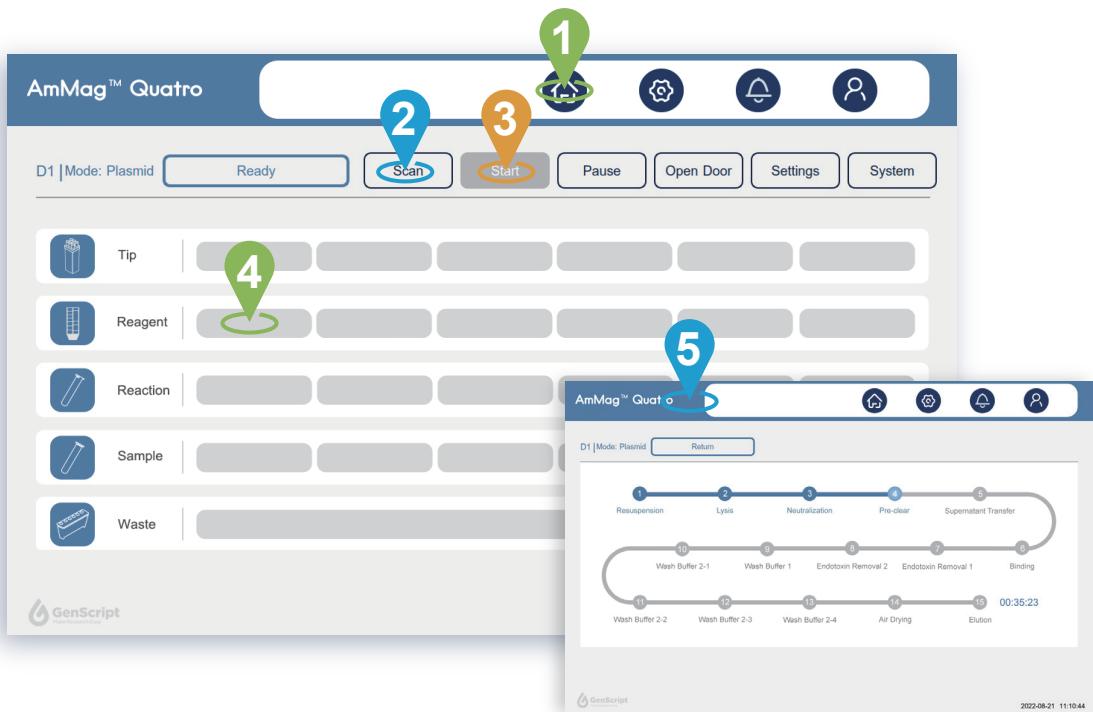


## Efficient

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

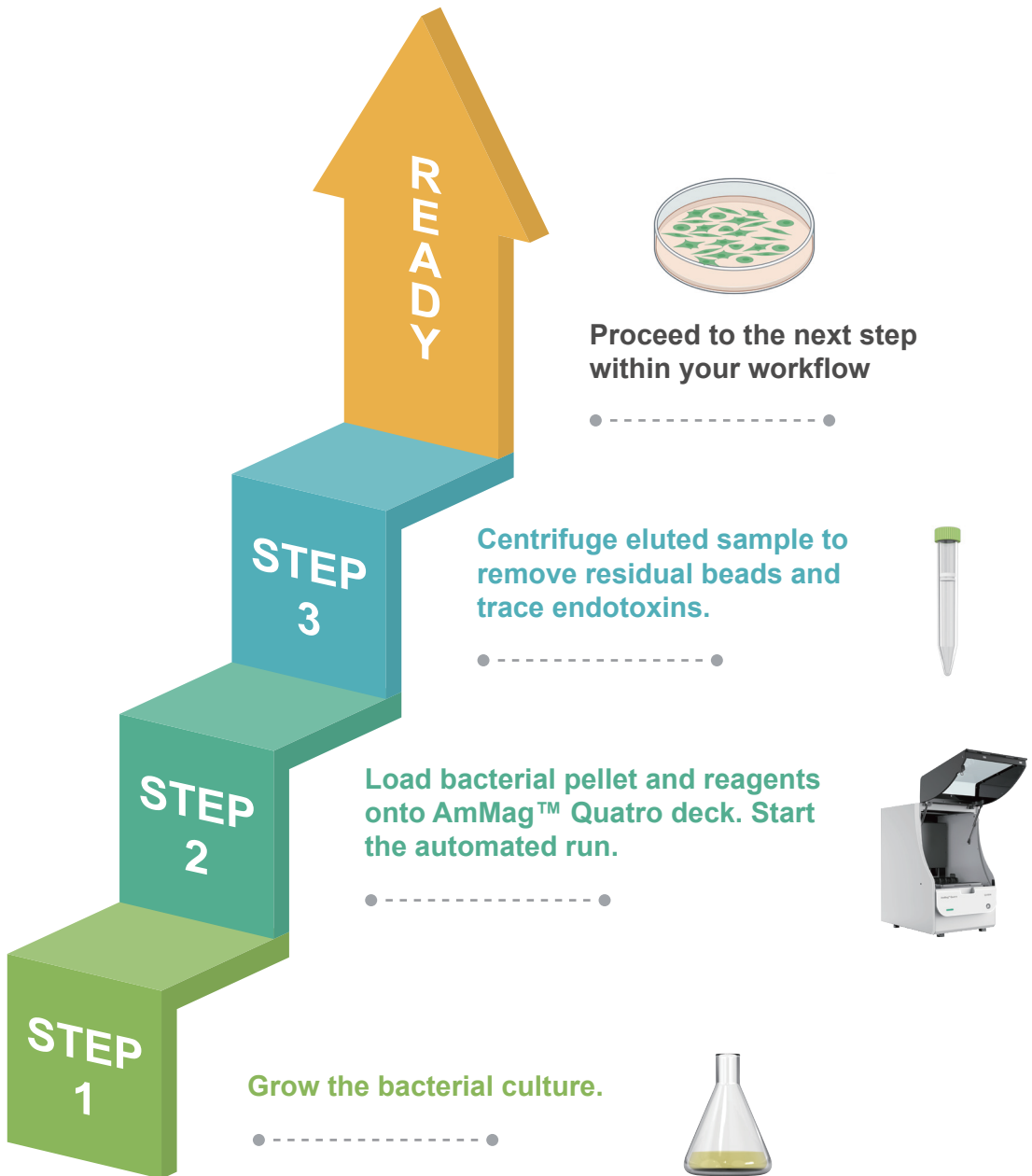
3 Pre-programmed, verified protocols can be used or new protocols can be created providing flexibility

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



## Lenti Virus Kit

*coming soon*  
ELISA kit for detection of virus titers



## Genomic DNA Kit

*coming soon*  
PCR kit for detection of genomic DNA



## GenBuilder™

[www.genscript.com/genbuilder-dna-assembly.html](http://www.genscript.com/genbuilder-dna-assembly.html)  
Simultaneously clone up to 12 DNA fragments



## PCR Products

[www.genscript.com/pcr.html](http://www.genscript.com/pcr.html)  
Robust DNA polymerases, M-MuLV reverse transcriptase, and dNTPs



## RNA In-Vitro Synthesis

[www.genscript.com/na-reagents.html](http://www.genscript.com/na-reagents.html)  
Reagents and Kits



## Protein Purification

[www.genscript.com/protein-isolation-and-purification.html](http://www.genscript.com/protein-isolation-and-purification.html)  
Manual and Automated



## Western Blotting and Protein Electrophoresis

[www.genscript.com/protein-electrophoresis.html](http://www.genscript.com/protein-electrophoresis.html)  
Manual and Automated Solutions



## AmMag™ Quatro



Comprehensive Automated Plasmid Purification

# AmMag™ Quatro Specifications and Ordering

## Instrument Ordering Information

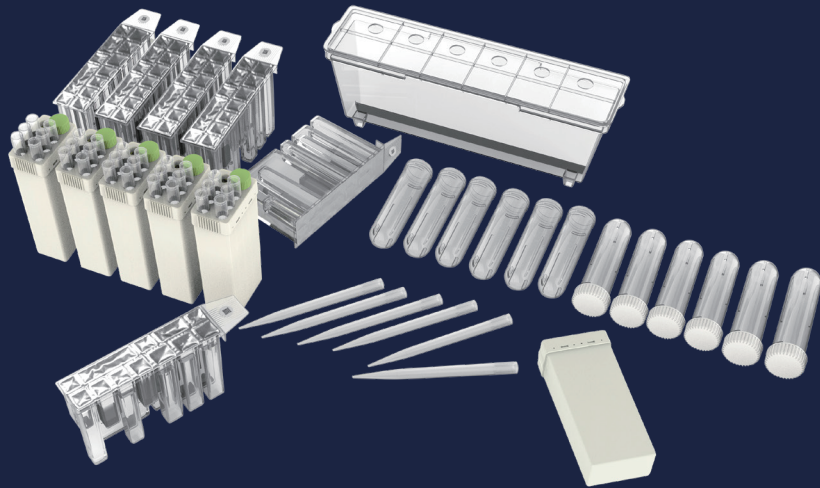
Product	Catalog number	Description
AmMag™ Quatro System Controller	D00018	One system controller can control up to 4 automation modules simultaneously.
AmMag™ Quatro Automation Module	D00019	One automated working module can purify up to 6 samples in one run.

## Instrument Specification

System	 System Controller	 Automation Purification Module	
Dimensions LxWxH	382 mm × 461 mm × 249 mm	460 mm × 701 mm × 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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