

Enhancing plasmid purification for speed, scalability, and consistency

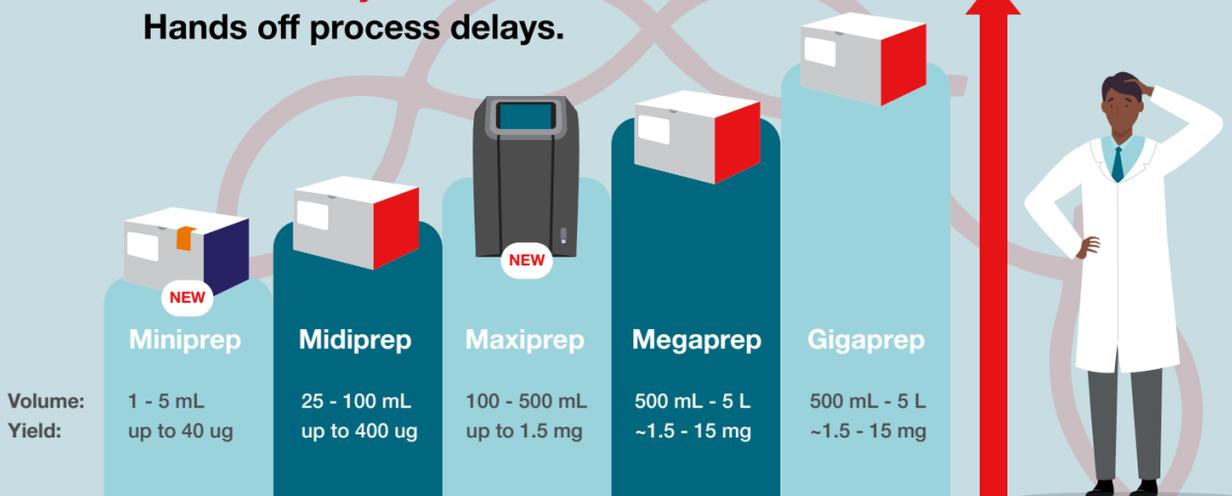
Hands on innovation.
Hands off limitations.

The challenge

Demand for gene therapies, vaccines, and biologics is skyrocketing. Manual purification involves several steps and requires continuous human oversight. Labs need speed, automation, and reliability.

Scale matters – how much pDNA do you need?

Hands on scalability.
Hands off process delays.



Manual vs. automated purification

Manual purification

- Labor-intensive
- Prone to contamination
- Hand to hand variation
- Multiple touch points (7-8)
- Skill required
- 100% hands-on time
- Lower throughput
- Often costs more per prep and is time consuming

Automated purification

- Walkaway convenience
- Reduced contamination risk
- Reliable and consistent
- Only 1-2 touchpoints
- No skill required
- Minimal hands on time
- Scalability for low- to high-throughput
- Significant time and cost saving*

*depends on number of samples and kits

The future is fully automated – at the right scale

The difference between manual and automated purification isn't just about speed or output. It's about redefining what's possible.

The future is here

Hands on discovery. **Hands off limitations.**

Faster purification. Fewer bottlenecks. More breakthroughs.

Thermo Fisher Scientific – driving the next era of plasmid purification.

Get started today at thermofisher.com/plasmid