

Plasmid DNA as Starting Material for mRNA Vaccines

Short
Turnaround
Time

ISO 9001 &
13485

GMP-oriented
conditions

Customer
Onboarding

Additional
Testing

Project
Management

Strong
Expertise

Made in
Germany

2026_0601

Quality, reliability, and speed for your vaccine

Plasmid DNA (pDNA) is the essential starting material for manufacturing mRNA vaccines, providing the template that defines sequence accuracy and product quality. As the foundation for linear DNA generation pDNA must be thoroughly characterized to ensure consistent and reliable mRNA production. Eurofins Genomics provides high-quality pDNA produced under GMP-like conditions to reliably support mRNA vaccine development. With controlled manufacturing, robust documentation, and comprehensive quality testing we deliver consistent pDNA that supports efficient development workflows and enables a smooth transition to GMP production and regulatory submission.



Quality Management

ISO 9001 / 13485 certified process	✓
Qualification / validation of equipment & methods	✓



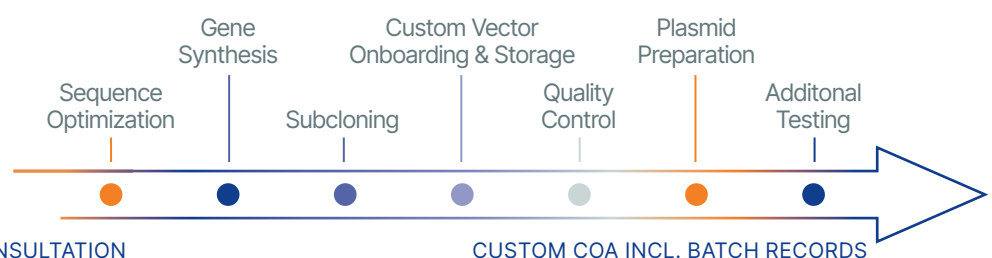
Production Process & Quality Control

Line clearance concept	✓
Special hygiene concept	Dedicated bench or separated lab
Animal-origin- and endotoxin-free plasmid preparation	✓
Sanger sequencing of insert and OD measurement	✓
Additional testing: bioburden, endotoxin and more	Optional (RUO, informative)
4 eyes principle during final quality control as well as critical steps	✓
Out-of-specification process	✓
Batch record review – QA release	✓



Documentation

GMP-like incl. batch record release certificate	✓
Certificate of analysis (CoA)	Custom quality report



For more information, please contact projectsogs-eu@genomics.eurofinseu.com or visit our website at eurofinsgenomics.com