



Plasmid DNA manufacturing

Mycenax's plasmid platform PlasMX™ prioritizes both speed and quality, delivering plasmid DNA in various grades and amounts to meet your specific requirements. With manufacturing capabilities ranging from 5L to 200L scale, we support applications from research to commercialization.

Plasmid DNA Application

- Viral vector production
- Cell and gene therapy
- DNA vaccine
- mRNA production

PlasMX™ One-stop CDMO Solution



Fast Turnaround

Research-grade plasmids can be provided within **2 weeks**.



High Quality

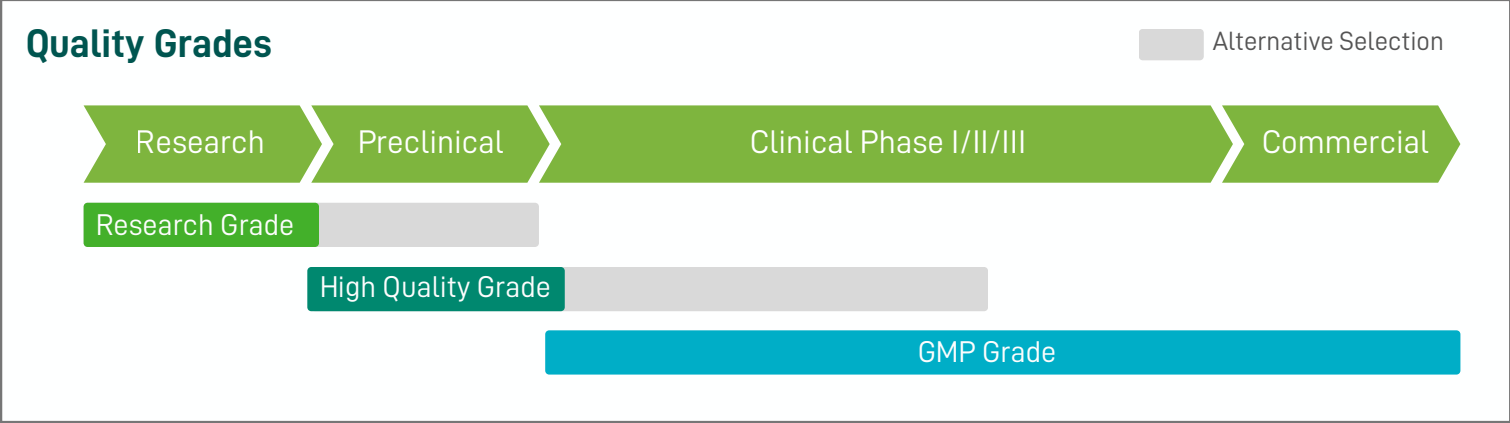
≥90% supercoiled plasmids with low endotoxin and host impurities.



Flexible Solution

Meet your requirements for research, high-quality, and GMP grades.

Plasmid DNA manufacturing



Quality Control

Test Item	Method	Specification	Research Grade	HQ Grade	GMP Grade
DNA Homogeneity (Supercoiled content)	Gel Electrophoresis	≥80%	V	-	-
	HPLC	≥80%	△	-	-
	HPLC	≥90%	-	V	V
DNA Sequence	Sanger Sequencing	100% identical to expected sequence	V	V	V
Residual Host Cell Protein	Micro BCA	≤5%	V	-	-
	ELISA	≤5%	△	-	-
	ELISA	≤2%	-	V	V
Residual Host Genomic DNA	Gel Electrophoresis	Not visible	V	-	-
	qPCR	≤5%	△	-	-
	qPCR	≤2%	-	V	V
Residual Host RNA	RiboGreen	≤5%	V	-	-
	RiboGreen	≤2%	-	V	V
Endotoxin	USP<85> Kinetic chromogenic method	≤100 EU/mg	V	-	-
	USP<85> Kinetic chromogenic method	≤10 EU/mg	-	V	V
Sterility	USP<71> Sterility Test	No Growth	-	△	V

V: Default △: Optional -: Not applicable

