

Plasmid DNA

Enabling Advanced Gene and mRNA Therapies with Plasmid DNA.

BioCina is your partner of choice for cost-effective development and manufacturing solutions for high-quality cGMP plasmid DNA.

Plasmid DNA Offerings

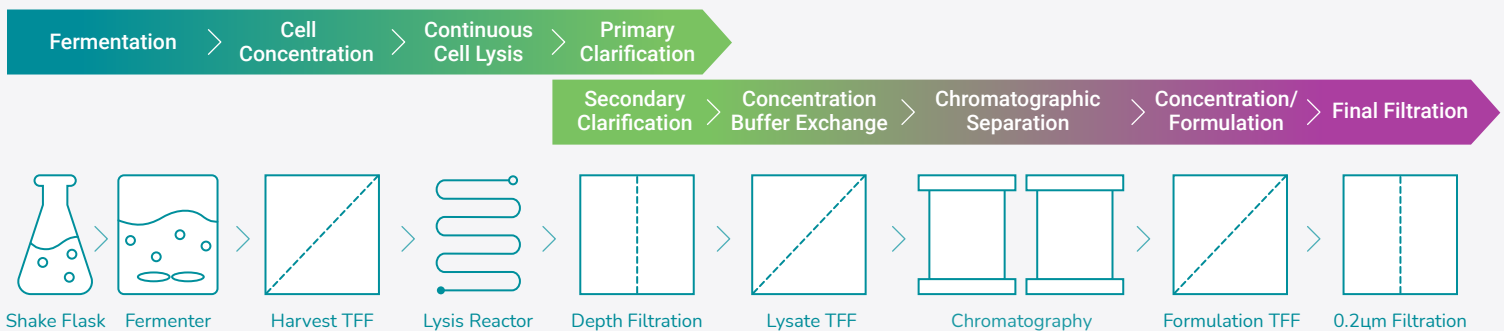
We provide large-scale high quality cGMP manufacture of complex plasmids for the production of mRNA and viral vector-based gene therapies.

We provide the know-how and the resources for large-scale and challenging projects. We pay attention to every detail and ensure excellence at all stages of development and plasmid manufacturing.

We offer optimal plasmid host cell line selection from an in-house cell line library, cell banking and extensive testing. Our manufacturing processes employ the leading-edge technologies as well as fully enclosed, single-use systems to ensure a sanitary environment throughout manufacturing.

BioCina partners with clients from pre-clinical development through commercial production. We fully leverage our team's exceptional knowledge and experience to guide your journey to product approval with success and confidence.

Large-Scale Plasmid DNA and mcDNA Manufacturing Process*



Development and Manufacturing Scales

Equipment	Working Volume	Scale	Yield
2 L Fermenter	1 L	Process Development	50 — 200mg
435 L SUB Fermenter 750 L SS Fermenter	65 — 500 L	cGMP	>5g

*BioCina has the exclusive CDMO rights to utilize CelluTx's Recombination Based Plasmid System (RPBS) technology, a cutting-edge technology for minicircle DNA (mcDNA) production