

mRNA AND PLASMID DNA MANUFACTURING CLEANROOM FOR A BIOTECH CDMO

LOCATION

Alberta, Canada

INDUSTRY

Pharma/Biotech

APPLICATION

DNA Plasmid &
mRNA Manufacturing

DIMENSIONS

2,300 sq. ft.

CLEANROOM CLASS

ISO 6, 7 & 8 (GMP compliant)



This Canadian biotech contract development and manufacturing organization (CDMO) needed multiple cleanroom spaces to manufacture mRNA and plasmid DNA for vaccine development.

Project description: GMP Cleanroom suite with an ISO 6 fill/finish room, three ISO 7 laboratories, an ISO 7 master cell bank, and an ISO 8 gowning zone.



FAST DELIVERY FOR RAPID MARKET LAUNCH

Our client had a **quick time-to-market** approach for their nucleic acid products. They wanted to hit the market with their mRNA cap analogs and plasmid-DNA **as fast as possible**.

MECART is used to working with a tight, aggressive schedule and still deliver a quality product. Our client's words sum it up best!



"The process was seamless. A site visit was quickly organized, and this allowed me to have personal rapport with the project managers. I feel a great sense of ownership from the project managers, so much that sometimes they feel like part of our team...it's clear that they want us to succeed, and that means a lot to me."

OVERCOMING CHALLENGES WITH AGILE PROJECT MANAGEMENT

Multiple things may go wrong if not planned accordingly. MECART is resourceful in finding solutions and alternatives for each challenge, saving you both time and money.

The global supply chain has been impacted by the COVID-19 pandemic. The HVAC system required some items that were out of stock or had significant delays in delivery, threatening to jeopardize our client's tight schedule. Instead of accepting the harsh reality of broken supply chains, our in-house HVAC experts found a workaround to solve the problem. MECART met the requested delivery time, allowing the biotech CDMO to begin their mRNA and plasmid-DNA manufacturing in their brand-new cleanroom facility.

