QUINTARA

mRNA – LNP Encapsulation

Flexible | High-Quality | Fast Turnaround

Your End-to-End Partner From Sequence to LNP Delivery

Workflow



Gene Synthesis → Plasmid Preparation → Plasmid Linearization → in vitro Transcription (IVT) → LNP Encapsulation → Test Release

Premium Quality at
Optimized Cost

4 weeks
Start From CDS Sequence

Seamless **Scale-up**
De-risking your path to clinic

Clear IP
Flexible Lipid Options

Find Your Ideal Service Grade

	Research Grade	Preclinical Grade
Application	• Lead sequence screening and optimization • In vitro studies	• Preclinical evaluation • Small animal in vivo studies
Scale	0.5 – 5mg	10 – 100mg
Lipids	Commercial lipids: • SM-102 • ALC-0315 • D-Lin-MC3-DMA • LP-01 Novel lipids from clients	Commercial lipids: • SM-102 • ALC-0315 • D-Lin-MC3-DMA • LP-01 Novel lipids from clients
Testing panels	• Appearance • Concentration • Encapsulation Efficiency • Particle Size • PDI • Zeta Potential • Endotoxin	• Appearance • Concentration • Encapsulation Efficiency • Particle Size • PDI • Zeta Potential • Endotoxin • Integrity • pH • Bioburden
Deliverable	1) Individual Cryotubes 2) CoA (Certificate of Analysis)	

* For larger-scale requirements, please consult with our team.

Quintara Bioscience

E sales.us@quintarabio.com
W www.quintarabio.com/

QUINTARA