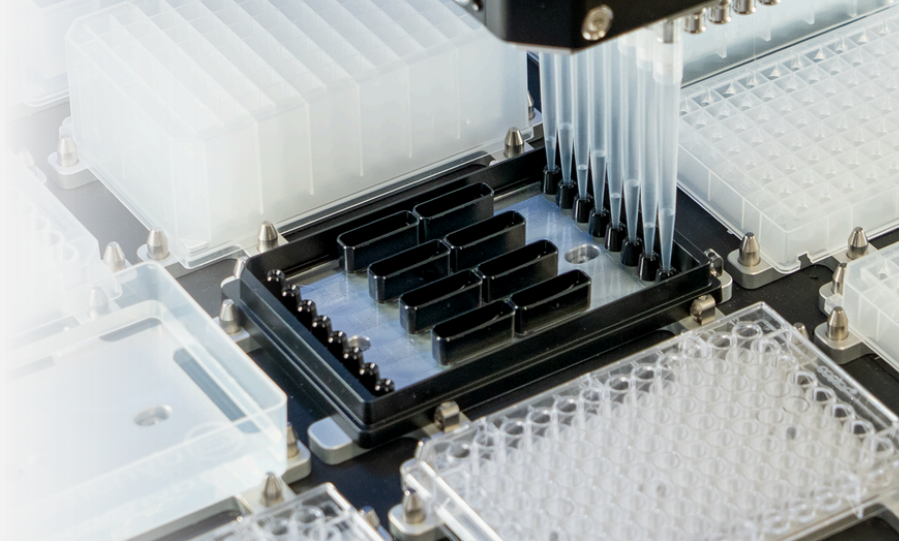


High-Throughput LNP Formulation Screening on Lynx VVP

Generate screening-stage LNPs on Lynx VVP with the LNP Screening Array. Increase LNP screening throughput in the automated workflow your team already uses.



Move From Liquid Handling to LNP Generation

The LNP Screening Array brings microfluidic LNP formulation into the Lynx workflow, helping teams generate screening-ready LNPs on deck and move faster through early formulation screening.



100+ formulations per hour

Evaluate more formulation variables across each screening run.



10x faster than LNP instruments

Generate LNPs in seconds and accelerate early screening.



<25 µL dead volume

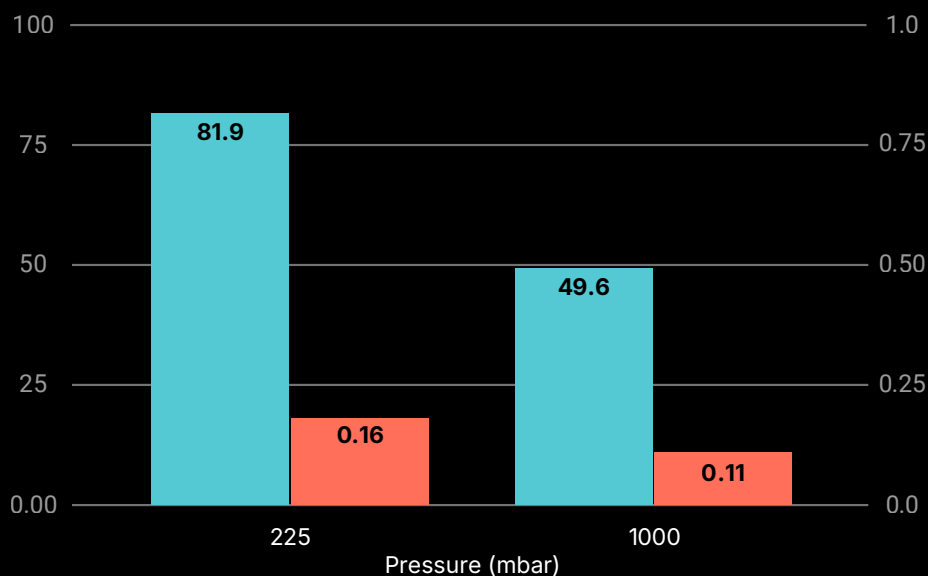
Preserve valuable lipid and RNA inputs across broader screens.

Performance on Lynx VVP

Testing on Lynx VVP produced particle size and PDI suitable for formulation development.

Increasing pressure from **225 mbar to 1000 mbar** reduced Z-average diameter from **81.9 nm to 49.6 nm** while maintaining low PDI across the tested pressure range.

■ Z-average diameter (nm)
■ Polydispersity Index (PDI)



LNP Screening Array Specifications

Format	SLAS microplate	Output volume per mixer	Up to 1 mL
Micromixers per array	8	Fluidic resistance ratio	3:1
Dead volume per mixer	<25 µL	Lead time	Ships in 1 week

Start screening on Lynx VVP

Generate LNPs on Lynx VVP and move faster through early formulation work.

[Get Started](#)