

# Genomics

## PhyTip SPE DNA Purification

The Lynx 96SV Pipetting Tool along with drying stations and refillable reagent troughs completely automates DNA extraction.

### PhyTip SPE DNA Extraction

PhyNexus' Lysate Direct PhyTip® Columns for Plasmid DNA Purification utilizes silica- based chemistry in combination with our innovative pipette tip column format.

Achieve reliable walk-away automation of plasmid DNA purification directly from cell pellets.

Obtain >10 µg plasmid from up to 96 samples simultaneously, with purity suitable for sequencing, PCR, and transfections.

### VVP – Differential Channel Control

The Lynx Liquid Handling Robotic Platform accomplishes this DNA purification in either stand alone mode or as a production level system.

The system first processes the cell pellet:

*resuspension*

*lysis*

*precipitation*

Then performs:

*capture*

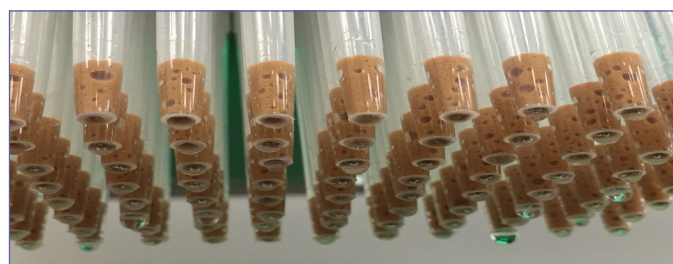
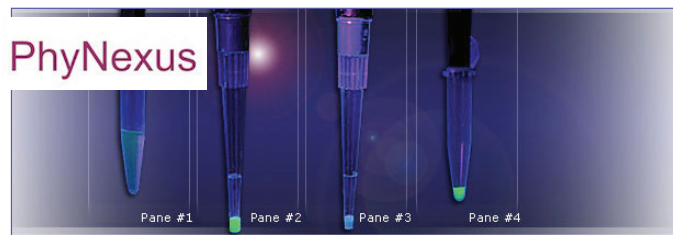
*washing*

*elution*

with the solid phase material in the tip used by the Lynx Liquid Handler.

The system is equipped with a tip drying station and refillable reagent troughs for high throughput processing.

Method Manager 4.0 now completely controls the DNA purification process within a production level system. Multiple Lynx Liquid Handlers may be linked in order to perform both the pellet preparation and the PhyTip extraction.



Controlled Aspiration and Dispense Speed for proper capture and elution processing

