

# The Labcyte<sup>®</sup> Echo<sup>®</sup> Dose-Response Software

The Labcyte Echo Dose-Response software automates the tedious process of diluting active compounds to create dose-response curves. This software works seamlessly with all Echo liquid handlers to prepare multiple concentrations in assay plates from nanoliter volumes of compound in source plates.

This new software enables the user to define the layout of the source and destination plates, specify the number of points in the dose-response curve, and transfer various concentrations and volumes of compounds to the destination plates. The software runs the liquid transfer as well as the DMSO back-fill, and generates a report of the survey and transfer results.

## Fast

- Set up hundreds of dose-response curves per hour
- Generates transfer maps automatically in real time
- Saves time by efficient transfer to destination plates

## Flexible

- Places control compounds in desired wells specified by the user.
- Maps the design from any plate to any plate type
- Provides replicates on the same or separate assay plates
- Allows user-defined curve orientation
- Processes dose-response curves from a hit list
- Allows the output files to be run-specific or destination plate-specific
- Generates output files in XML, CSV and TXT format
- Compatible with the POD<sup>™</sup> plate assembler to optimize throughput of your Echo liquid handler

## Accurate

- Eliminates accumulated error from serial dilution
- Automates manual steps
- Removes washing steps
- Maintains survey history

Labcyte Catalog number: Echo-IC50  
Requires V2.1 or higher operating software

