Resource Summary Report

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Bechman Coulter: Labcyte Echo 550 acoustic liquid handler

RRID:SCR_027476
Type: Tool

Proper Citation

Bechman Coulter: Labcyte Echo 550 acoustic liquid handler (RRID:SCR_027476)

Resource Information

URL: https://www.beckman.com/landing/ppc/liquid-handlers/synthetic-biology

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Description: Non-contact liquid handler that uses Acoustic Droplet Ejection (ADE) technology to precisely transfer nanoliter-sized droplets of liquid for high-throughput applications in pharmaceutical research, drug discovery, and various areas of genomics and biology. Echo 555 / 550 Liquid Handler: 2.5 nL increment; Flow rate:0.25 – 1 µL/sec; Ideal for reactions of 0.05 – 1 µL; Supports 384 and 1536-well source plate formats; Used for transfer of small molecules for high throughput screening.

Resource Type: instrument resource

Keywords: Non-contact liquid handler, liquid handler, Acoustic Droplet Ejection, Becton Dickinson, droplet ejection, transfer nanoliter-sized droplets of liquid, high throughput screening,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_027476.pdf

Resource Name: Bechman Coulter: Labcyte Echo 550 acoustic liquid handler

Resource ID: SCR_027476

Alternate IDs: Model_Number_Echo_550

Record Creation Time: 20250927T062016+0000

Record Last Update: 20260801T191424+0000

Ratings and Alerts

No rating or validation information has been found for Bechman Coulter: Labcyte Echo 550 acoustic liquid handler.

No alerts have been found for Bechman Coulter: Labcyte Echo 550 acoustic liquid handler.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Stossi F, et al. (2024) SPACe: an open-source, single-cell analysis of Cell Painting data. Nature communications, 15(1), 10170.

Abbott DA, et al. (2024) A novel ER? high throughput microscopy platform for testing endocrine disrupting chemicals. Heliyon, 10(1), e23119.

Andresen H, et al. (2023) Novel enhancers of guanylyl cyclase-A activity acting via allosteric modulation. British journal of pharmacology, 180(24), 3254.