Resource Summary Report

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Pressure BioSciences: NEP2320 Barocycler

RRID:SCR_020415
Type: Tool

Proper Citation

Pressure BioSciences: NEP2320 Barocycler (RRID:SCR_020415)

Resource Information

URL: http://www.hylandscientific.com/product.aspx?itemid=1400&prodid=15194&pagetitle=Pressure-Biosciences-Model-NEP-2320-Barocycler.

Proper Citation: Pressure BioSciences: NEP2320 Barocycler (RRID:SCR_020415)

Description: Barocycler uses the Pressure Cycling Technology (PCT) platform based on repeated cycles of hydrostatic pressure between ambient (14.7 psi) and ultra-high levels (up to 45,000 psi). These rapid changes in pressure are used to control biomolecular interactions for applications such as accelerated proteolytic digestion and improved extraction of cellular components, including proteins and lipids. The PCT platform allows for a high degree of safety, speed, reproducibility, and in modern sample preparation protocols. Advantages of the PCT technology include:

Resource Type: instrument resource

Keywords: Pressure BioSciences, Inc., Barocycler, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Pressure BioSciences: NEP2320 Barocycler

Resource ID: SCR_020415

Alternate IDs: Model_Number_NEP2320

Record Creation Time: 20220129T080350+0000

Record Last Update: 20260808T190143+0000

Ratings and Alerts

No rating or validation information has been found for Pressure BioSciences: NEP2320 Barocycler.

No alerts have been found for Pressure BioSciences: NEP2320 Barocycler.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.