

Resource Summary Report

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BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope

RRID:SCR_019576

Type: Tool

Proper Citation

BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope
(RRID:SCR_019576)

Resource Information

URL: <http://bridgepathscientific.com/wordpress/arcturus-pixcell-ii-laser-capture-microdissection-microscope/>

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Description: Arcturus (PXL-200) PixCell II LCM, built around an Olympus IX50 inverted microscope, uses a near-infrared diode laser and a CapSure Macro/HS LCM Cap to capture target cells. When the laser is fired, dimples are created in the cap. These dimples wet a matrix which attaches to a targeted cell, which can be lifted off the glass slide without taking other cells around it. Once the cells are captured they can be used for various experiments such as amplification of DNA or RNA from the isolated cell(s) for analyses. During microdissection, the laser never touches or damages any of the cells. Laser capture microdissection (LCM) is a technique that provides a method to obtain targeted cells from a multi-cell population.

Resource Type: instrument resource

Keywords: Arcturus, Laser Capture Microdissection Microscope, Instrument Equipment, USEdit

Availability: Commercially available

Resource Name: BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope

Resource ID: SCR_019576

Alternate IDs: Model_Number_PixCell II

Record Creation Time: 20220129T080345+0000

Record Last Update: 20260808T190128+0000

Ratings and Alerts

No rating or validation information has been found for BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope.

No alerts have been found for BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Johnston EK, et al. (2025) Unilocular adipocyte and lipid tracer for immunofluorescent images. Scientific reports, 15(1), 4643.