

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

Thermo Fisher: Arcturus Collect Laser Capture Microdissection System

RRID:SCR_018641

Type: Tool

Proper Citation

Thermo Fisher: Arcturus Collect Laser Capture Microdissection System
(RRID:SCR_018641)

Resource Information

URL: <https://www.thermofisher.com/us/en/home/life-science/gene-expression-analysis-genotyping/laser-capture-microdissection/arcturus-laser-capture-microdissection-lcm-instrument.html>

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Description: Laser capture microdissection system that includes infrared lasers. It can be used for laser capture microdissection LCM, ultraviolet UV laser cutting, sanger sequencing, next generation sequencing, and quantitative PCR.

Resource Type: instrument resource

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

Resource Name: Thermo Fisher: Arcturus Collect Laser Capture Microdissection System

Resource ID: SCR_018641

Alternate IDs: Model_Number_XT, SCR_019580

Alternate URLs: https://assets.thermofisher.com/TFS-Assets/CSD/Specification-Sheets/Arcturus_Collect_SpecSheet.pdf

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260912T195904+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Arcturus Collect Laser Capture Microdissection System.

No alerts have been found for Thermo Fisher: Arcturus Collect Laser Capture Microdissection System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 215 mentions in open access literature.

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

Wang X, et al. (2017) Gait disorder as a predictor of spatial learning and memory impairment in aged mice. PeerJ, 5, e2854.

Guerin GR, et al. (2017) Opportunities for Integrated Ecological Analysis across Inland Australia with Standardised Data from Ausplots Rangelands. PloS one, 12(1), e0170137.

Huang Y, et al. (2016) Long-term trihexyphenidyl exposure alters neuroimmune response and inflammation in aging rat: relevance to age and Alzheimer's disease. Journal of neuroinflammation, 13(1), 175.

Zhang SN, et al. (2016) Splenic CD11c(low)CD45RB(high) dendritic cells derived from endotoxin-tolerant mice attenuate experimental acute liver failure. Scientific reports, 6, 33206.

Thomas NM, et al. (2016) Eye Movements Affect Postural Control in Young and Older Females. Frontiers in aging neuroscience, 8, 216.

Kibrik AA, et al. (2016) Referential Choice: Predictability and Its Limits. Frontiers in psychology, 7, 1429.

Titz B, et al. (2016) Effects of Cigarette Smoke, Cessation, and Switching to Two Heat-Not-Burn Tobacco Products on Lung Lipid Metabolism in C57BL/6 and Apoe^{-/-} Mice-An Integrative Systems Toxicology Analysis. Toxicological sciences : an official journal of the Society of Toxicology, 149(2), 441.

Tucker P, et al. (2016) Supporting Physical Activity in the Childcare Environment (SPACE): rationale and study protocol for a cluster randomized controlled trial. BMC public health, 16, 112.

Thompson RR, et al. (2016) Routine handling methods affect behaviour of three-spined sticklebacks in a novel test of anxiety. Behavioural brain research, 306, 26.

Yasukawa M, et al. (2016) Synergetic Effects of PARP Inhibitor AZD2281 and Cisplatin in Oral Squamous Cell Carcinoma in Vitro and in Vivo. International journal of molecular

sciences, 17(3), 272.

McCracken DS, et al. (2016) Associations between urban greenspace and health-related quality of life in children. Preventive medicine reports, 3, 211.

Vanderstichele HM, et al. (2016) Optimized Standard Operating Procedures for the Analysis of Cerebrospinal Fluid A β 42 and the Ratios of A β Isoforms Using Low Protein Binding Tubes. Journal of Alzheimer's disease : JAD, 53(3), 1121.

Vieira SS, et al. (2016) Does Stroke Volume Increase During an Incremental Exercise? A Systematic Review. The open cardiovascular medicine journal, 10, 57.

Ohta S, et al. (2016) Proteomics Analysis with a Nano Random Forest Approach Reveals Novel Functional Interactions Regulated by SMC Complexes on Mitotic Chromosomes. Molecular & cellular proteomics : MCP, 15(8), 2802.

Wigand C, et al. (2016) Varying Inundation Regimes Differentially Affect Natural and Sand-Amended Marsh Sediments. PloS one, 11(10), e0164956.

Rossi A, et al. (2016) Maintenance of leukemic cell identity by the activity of the Polycomb complex PRC1 in mice. Science advances, 2(10), e1600972.

Chang CH, et al. (2016) The Antioxidant Peroxiredoxin 6 (Prdx6) Exhibits Different Profiles in the Livers of Seawater- and Fresh Water-Acclimated Milkfish, *Chanos chanos*, upon Hypothermal Challenge. Frontiers in physiology, 7, 580.

Hammel M, et al. (2016) An Intrinsically Disordered APLF Links Ku, DNA-PKcs, and XRCC4-DNA Ligase IV in an Extended Flexible Non-homologous End Joining Complex. The Journal of biological chemistry, 291(53), 26987.

Rushby JA, et al. (2016) Brain volume loss contributes to arousal and empathy dysregulation following severe traumatic brain injury. Neurolmage. Clinical, 12, 607.

Unnikrishnan A, et al. (2016) A quantitative proteomics approach identifies ETV6 and IKZF1 as new regulators of an ERG-driven transcriptional network. Nucleic acids research, 44(22), 10644.