

Resource Summary Report

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BD Biosciences: FACSAria II Cell Sorter

RRID:SCR_018934

Type: Tool

Proper Citation

BD Biosciences: FACSAria II Cell Sorter (RRID:SCR_018934)

Resource Information

URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018934.pdf

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Description: High-speed fluorescence-activated cell sorter (FACS) used in biological and medical research to analyze and physically separate specific types of cells from a complex mixture. It works by passing individual cells in a fluid stream past lasers and capturing target cells based on their unique light-scattering and fluorescent properties. Cell sorter features hardware and software enhancements that improve overall ease of use, flexibility, and aseptic capability. Offers new options in lasers and nozzles to support more advanced multicolor applications. Built on fixed alignment technology. FACSAria II cell sorter is first generation of BD FACSAria system where flow cell is in true fixed alignment with laser, to reduce startup time and improve reproducibility.

Synonyms: , BD FACS Aria II Cell Sorter, BD Biosciences FACS Aria II Cell Sorter

Resource Type: instrument resource

Keywords: BD Bioscience, Cell sorter, FACSAria II, flow cell, fixed alignment, laser, reduce startup time, improve reproducibility, advanced multicolor application, instrument, equipment,

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Resource Name: BD Biosciences: FACSAria II Cell Sorter

Resource ID: SCR_018934

Alternate IDs: , SCR_018091, Model_Number_FACSAria II

Old URLs: <https://www.bd.com/resource.aspx?IDX=7004>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260801T190620+0000

Ratings and Alerts

No rating or validation information has been found for BD Biosciences: FACSAria II Cell Sorter.

No alerts have been found for BD Biosciences: FACSAria II Cell Sorter.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1144 mentions in open access literature.

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

Maerz MD, et al. (2026) BCG vaccination induces antibacterial effector functions among V γ 1/3 T cells that are associated with protection against tuberculosis. Cell reports. Medicine, 102536.

Nita A, et al. (2025) FGFR2 residence in primary cilia is necessary for epithelial cell signaling. The Journal of cell biology, 224(7).

Kim CW, et al. (2025) Gut dysbiosis from high-salt diet promotes glioma via propionate-mediated TGF- β activation. The Journal of experimental medicine, 222(8).

Nayak PK, et al. (2025) Transcriptome profiling of tendon fibroblasts at the onset of embryonic muscle contraction reveals novel force-responsive genes. eLife, 14.

Torres-Mejia E, et al. (2025) Lung Cancer-Intrinsic SOX2 Expression Mediates Resistance to Checkpoint Blockade Therapy by Inducing Treg-Dependent CD8 $^{+}$ T-cell Exclusion. Cancer immunology research, 13(4), 496.

DiPeso L, et al. (2025) Image-based identification and isolation of micronucleated cells to dissect cellular consequences. eLife, 13.

Greene M, et al. (2025) A developmental program of early residency promotes the differentiation of divergent uterine NK cell subsets in humans. bioRxiv : the preprint server for biology.

Tsuno T, et al. (2025) Imeglimin suppresses glucagon secretion and induces a loss of β cell identity. Cell reports. Medicine, 6(8), 102254.

Álvarez-Prado ÁF, et al. (2025) Cancer cell and microenvironmental rewiring by ADAR1 loss impairs glioblastoma tumor growth and extends survival. Cell reports, 44(9), 116151.

Boccardo S, et al. (2025) Dynamics of tissue repair regulatory T cells and damage in acute *Trypanosoma cruzi* infection. *PLoS pathogens*, 21(1), e1012906.

van der Heide V, et al. (2025) Prolonged but finite antigen presentation promotes reversible defects of "helpless" memory CD8⁺ T cells. *Immunity*, 58(7), 1742.

Yi E, et al. (2025) Selective Depletion of Cancer Cells with Extrachromosomal DNA via Lentiviral Infection. *Cancer research communications*, 5(8), 1458.

Chang H, et al. (2025) Single-cell transcriptomics reveals immune remodeling of the murine lung microenvironment following chronic house dust mite exposure. *Frontiers in immunology*, 16, 1652539.

Ennis CS, et al. (2025) Plasma exosomes from individuals with type 2 diabetes drive breast cancer aggression in patient-derived organoids. *Communications biology*, 8(1), 1276.

Pantazis JC, et al. (2025) Integrating functional genomics and proteomics identifies Folate Carrier SLC19A1 as a predictor of pralatrexate sensitivity in T-cell lymphoma. *bioRxiv : the preprint server for biology*.

Wischnewski V, et al. (2025) The local microenvironment suppresses the synergy between irradiation and anti-PD1 therapy in breast-to-brain metastasis. *Cell reports*, 44(3), 115427.

Maligireddy SS, et al. (2025) Targeting a pathogenic cryptic exon that drives HLRCC to induce exon skipping. *Molecular therapy. Nucleic acids*, 36(3), 102668.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. *Immunity*.

Snitow ME, et al. (2025) Stc1-expressing myofibroblasts are a developmentally distinct lineage cleared through apoptosis in the neonatal lung. *Cell reports*, 45(1), 116750.

Sakai H, et al. (2024) The androgen receptor in mesenchymal progenitors regulates skeletal muscle mass via Igf1 expression in male mice. *Proceedings of the National Academy of Sciences of the United States of America*, 121(39), e2407768121.