

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 1157 mentions in open access literature.

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

Turnquist A, et al. (2026) PI3K? inhibition alters CD8 T cell differentiation and reprograms the tumor microenvironment following adoptive immunotherapy. Journal of immunology (Baltimore, Md. : 1950), 215(5).

de Blas A, et al. (2026) Enhancing Proteasome Activity in T Cells Alleviates Exhaustion and Improves Antitumor Immunity. Cancer research, 86(12), 2896.

Ciummo SL, et al. (2026) Prostatic fibroblast reprogramming by Interleukin-30 activates prostate cancer metastasis programs. Molecular biomedicine, 7(1).

Jiménez-Sánchez A, et al. (2026) Transcriptomic Plasticity Is a Hallmark of Metastatic Pancreatic Cancer. Cancer research, 86(7), 1769.

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

Merech F, et al. (2026) Pregnancy-associated metabolic adaptations in circulating monocytes and macrophages favor clearance functions. Frontiers in immunology, 17, 1786324.

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. Cell reports methods, 6(6), 101425.

Wilski-Cronin NA, et al. (2026) Pyroptosis Modulates Multiple Immune Cell Populations in Targeted Therapy-Treated Melanoma. Cancer immunology research, 14(3), 374.

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Rayes A, et al. (2026) Refractory infantile IPEX with Treg-restricted FOXP3null expression caused by a novel variant in FOXP3. *Journal of human immunity*, 2(3), e20250249.

Lohbihler M, et al. (2026) Human pluripotent stem cell-derived atrioventricular node-like pacemaker cells exhibit biological conduction bridge properties. *Cell stem cell*, 33(4), 571.

Hayward MK, et al. (2026) Tissue tension fosters macrophage-driven lipid peroxidation-induced DNA damage. *Cancer cell*, 44(6), 1255.

Bhattacharya A, et al. (2026) Exosomal misfolded α 1-antitrypsin triggers a cytosolic GRP78-dependent unfolded protein response and pro-survival signaling in pre-metastatic tissues. *The Journal of biological chemistry*, 302(8), 113282.

Hunt KS, et al. (2026) Reduced Tumor Control in Males Can Result from Impaired CD4+ T-cell Help through the CD40L-CD40 Pathway. *Cancer immunology research*, 14(7), 1068.

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

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

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

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.

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.