

Resource Summary Report

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BD Biosciences: FACSAria III Cell Sorter

RRID:SCR_016695

Type: Tool

Proper Citation

BD Biosciences: FACSAria III Cell Sorter (RRID:SCR_016695)

Resource Information

URL: <https://www.bdbiosciences.com/en-us/products/instruments/flow-cytometers/research-cell-sorters/bd-facsaria-iii>

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Description: Instrument for cell sorting by BD Biosciences where positive air pressure forces sample cell through an optically gel-coupled cuvette . Hydrodynamic focusing guides particles in a single-file stream through the cuvette, where laser light intercepts the stream at the sample interrogation point. Fluorescence activated cell sorting instrument. Flow cytometer as high speed fixed alignment benchtop cell sorter. Enables multicolor analysis of up to 13 fluorescent markers and two scatter parameters at time.

Synonyms: BD FACSARIA III cell sorter, BD FACSARIA III

Resource Type: instrument resource

Keywords: instrument, equipment, USEdit, BD Biosciences, cell, sorter, positive, air, pressure, force, cell, flow

Availability: Commercially available

Specification URL:

<https://drive.google.com/file/d/14L46Z9kYGpNi6KVjyhP9KmXogSN7q82n/view?usp=drivesdk>

Resource Name: BD Biosciences: FACSAria III Cell Sorter

Resource ID: SCR_016695

Alternate IDs: Model_Number_FACSAria_III

Alternate URLs: <https://www.bdbiosciences.com/content/dam/bdb/marketing-documents/BD-FACSAria-III-Cell-Sorter-Brochure.pdf>,
https://www.bdbiosciences.com/content/dam/bdb/marketing-documents/FACSDiva_Software_Brochure.pdf

Old URLs: <http://www.bdbiosciences.com/us/instruments/research/cell-sorters/bd-facsaria-iii/m/744763/features>

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260801T190538+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 92 mentions in open access literature.

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

Telonis AG, et al. (2026) Synergistic intragenic epigenetic deregulation by IDH2 and SRSF2 mutations causes mis-splicing of key transcriptional regulators. Science advances, 12(1), eadu8292.

Umeda M, et al. (2025) Fusion oncoproteins and cooperating mutations define disease phenotypes in NUP98-rearranged leukemia. medRxiv : the preprint server for health sciences.

Sanlorenzo M, et al. (2025) Systemic IFN-I combined with topical TLR7/8 agonists promotes distant tumor suppression by c-Jun-dependent IL-12 expression in dendritic cells. Nature cancer, 6(1), 175.

Lu H, et al. (2025) Epithelial-Mesenchymal Transition is Associated with Altered Immune Composition and Cytotoxic Function in Triple-Negative Breast Cancer. bioRxiv : the preprint server for biology.

Ma T, et al. (2025) Pan-Cancer Analyses Refine the Single-Cell Portrait of Tumor-Infiltrating Dendritic Cells. Cancer research, 85(19), 3596.

Kolobova EA, et al. (2025) Novel method for detection of A? and Iso-D7-A? N-terminus-specific B cells and Iso-D7-A?-specific antibodies. Biology methods & protocols, 10(1), bpaf001.

Kim AR, et al. (2025) Co-blockade of TGF? and PD-1 Reinvigorates Glioblastoma-Infiltrating CD8+ T Cells That Characteristically Upregulate TGF?RI Expression. Clinical cancer research : an official journal of the American Association for Cancer Research,

31(15), 3306.

Ishino T, et al. (2025) Immuno-peptidomics combined with full-length transcriptomics uncovers diverse neoantigens. *Cell reports*, 45(1), 116781.

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. *Redox biology*, 84, 103649.

Regan SB, et al. (2025) Megabase-scale loss of heterozygosity provoked by CRISPR-Cas9 DNA double-strand breaks. *Molecular cell*, 85(22), 4119.

Tasis A, et al. (2024) Single-Cell Analysis of Bone Marrow CD8⁺ T Cells in Myeloid Neoplasms Reveals Pathways Associated with Disease Progression and Response to Treatment with Azacitidine. *Cancer research communications*, 4(12), 3067.

Radziszewska A, et al. (2024) Type I interferon and mitochondrial dysfunction are associated with dysregulated cytotoxic CD8⁺ T cell responses in juvenile systemic lupus erythematosus. *Clinical and experimental immunology*.

Poch T, et al. (2024) Intergenic risk variant rs56258221 skews the fate of naive CD4⁺ T cells via miR4464-BACH2 interplay in primary sclerosing cholangitis. *Cell reports. Medicine*, 5(7), 101620.

Jiao M, et al. (2024) Targeting Catechol-O-Methyltransferase Induces Mitochondrial Dysfunction and Enhances the Efficacy of Radiotherapy in Glioma. *Cancer research*, 84(21), 3640.

Fujikawa R, et al. (2024) Inhibition of reactive oxygen species production accompanying alternatively activated microglia by risperidone in a mouse ketamine model of schizophrenia. *Journal of neurochemistry*, 168(9), 2690.

Sasaki Y, et al. (2024) Synergistic anti-tumor effects of oncolytic virus and anti-programmed cell death protein 1 antibody combination therapy: For suppression of lymph node and distant metastasis in a murine melanoma model. *Biochemical and biophysical research communications*, 740, 151011.

Hong J, et al. (2023) Non-overlapping epitopes on the gHgL-gp42 complex for the rational design of a triple-antibody cocktail against EBV infection. *Cell reports. Medicine*, 4(11), 101296.

Huntington KE, et al. (2023) GSK-3 inhibitor elraglusib enhances tumor-infiltrating immune cell activation in tumor biopsies and synergizes with anti-PD-L1 in a murine model of colorectal cancer. *bioRxiv : the preprint server for biology*.

Aboussekhra A, et al. (2023) Activated breast stromal fibroblasts exhibit myoepithelial and mammary stem cells features. *Translational oncology*, 35, 101721.

Xu J, et al. (2023) KMT2D Deficiency Promotes Myeloid Leukemias which Is Vulnerable to Ribosome Biogenesis Inhibition. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e2206098.