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

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

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

Funding:

Availability: Commercially available

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: 20250410T070801+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 85 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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.

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.

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.

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.

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.

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

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.

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

Rossmueller G, et al. (2023) Preclinical Evaluation of ON203, A Novel Bioengineered mAb Targeting Oxidized Macrophage Migration Inhibitory Factor as an Anticancer Therapeutic. Molecular cancer therapeutics, 22(5), 555.

Gobbini A, et al. (2023) Protocol for the detection of defined T cell clones in a heterogeneous cell population. STAR protocols, 5(1), 102787.

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. International journal of molecular sciences, 24(13).

Neault M, et al. (2023) CBFA2T3-GLIS2-dependent pediatric acute megakaryoblastic leukemia is driven by GLIS2 and sensitive to navitoclax. Cell reports, 42(9), 113084.

Fu Y, et al. (2023) A synthetic notch (synNotch) system linking intratumoral immune-cancer cell communication to a synthetic blood biomarker assay. Frontiers in pharmacology, 14,

1304194.

Marmor-Kollet N, et al. (2023) Actin-dependent astrocytic infiltration is a key step for axon defasciculation during remodeling. Cell reports, 42(2), 112117.

Podmore L, et al. (2023) Insulin receptor loss impairs mammary tumorigenesis in mice. Cell reports, 42(11), 113251.

Chen F, et al. (2023) sox1a:eGFP transgenic line and single-cell transcriptomics reveal the origin of zebrafish intraspinal serotonergic neurons. iScience, 26(8), 107342.