

Resource Summary Report

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BD Biosciences: FACS Jazz Cell Sorter

RRID:SCR_019599

Type: Tool

Proper Citation

BD Biosciences: FACS Jazz Cell Sorter (RRID:SCR_019599)

Resource Information

URL: <https://blogs.sun.ac.za/fmc/files/2015/03/Specification-sheet-BD-FACSJazz.pdf>

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Description: Cell sorter that uses principles of flow cytometry to collect only cells of interest from heterogenous suspension. Can be configured with up to three lasers and eight parameters.

Resource Type: instrument resource

Keywords: BD Biosciences, cell sorting, Instrument Equipment, USEDit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_019875.pdf

Resource Name: BD Biosciences: FACS Jazz Cell Sorter

Resource ID: SCR_019599

Alternate IDs: SCR_019875, Model_Number_FACSJazz

Alternate URLs: <https://blogs.sun.ac.za/fmc/bd-facsjazz/>

Old URLs: https://www.bdbiosciences.com/documents/BD_FACSJazz_Brochure.pdf

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260815T182608+0000

Ratings and Alerts

No rating or validation information has been found for BD Biosciences: FACS Jazz Cell Sorter.

No alerts have been found for BD Biosciences: FACS Jazz Cell Sorter.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Jones C, et al. (2023) HNF4 γ Acts as Upstream Functional Regulator of Intestinal Wnt3 and Paneth Cell Fate. Cellular and molecular gastroenterology and hepatology, 15(3), 593.

Charron-Lamoureux V, et al. (2023) Pulcherriminic acid modulates iron availability and protects against oxidative stress during microbial interactions. Nature communications, 14(1), 2536.

Rang FJ, et al. (2022) Single-cell profiling of transcriptome and histone modifications with EpiDamID. Molecular cell, 82(10), 1956.

Weke K, et al. (2021) MicroPOTS Analysis of Barrett's Esophageal Cell Line Models Identifies Proteomic Changes after Physiologic and Radiation Stress. Journal of proteome research, 20(5), 2195.

Xiong K, et al. (2021) An optimized genome-wide, virus-free CRISPR screen for mammalian cells. Cell reports methods, 1(4).

Ulferts R, et al. (2021) Subtractive CRISPR screen identifies the ATG16L1/vacuolar ATPase axis as required for non-canonical LC3 lipidation. Cell reports, 37(4), 109899.

Price CJ, et al. (2021) Genetically variant human pluripotent stem cells selectively eliminate wild-type counterparts through YAP-mediated cell competition. Developmental cell, 56(17), 2455.

Pfister G, et al. (2020) An evaluation of sorter induced cell stress (SICS) on peripheral blood mononuclear cells (PBMCs) after different sort conditions - Are your sorted cells getting SICS? Journal of immunological methods, 487, 112902.

Zhang X, et al. (2019) Nitric oxide inhibits autophagy and promotes apoptosis in hepatocellular carcinoma. Cancer science, 110(3), 1054.

Mao W, et al. (2019) Knockdown of Lumican Inhibits Proliferation and Migration of Bladder Cancer. Translational oncology, 12(8), 1072.

Nombela I, et al. (2019) Integrated Transcriptomic and Proteomic Analysis of Red Blood Cells from Rainbow Trout Challenged with VHSV Point Towards Novel Immunomodulant Targets. *Vaccines*, 7(3).

Frattaruolo L, et al. (2019) Thioalbamide, A Thioamidated Peptide from *Amycolatopsis alba*, Affects Tumor Growth and Stemness by Inducing Metabolic Dysfunction and Oxidative Stress. *Cells*, 8(11).

Baron CS, et al. (2019) Cell Type Purification by Single-Cell Transcriptome-Trained Sorting. *Cell*, 179(2), 527.

Acquaye-Seedah E, et al. (2018) Characterization of Individual Human Antibodies That Bind Pertussis Toxin Stimulated by Acellular Immunization. *Infection and immunity*, 86(6).

Sun C, et al. (2018) Transcriptome variations among human embryonic stem cell lines are associated with their differentiation propensity. *PloS one*, 13(2), e0192625.

Puente-Marin S, et al. (2018) In Silico Functional Networks Identified in Fish Nucleated Red Blood Cells by Means of Transcriptomic and Proteomic Profiling. *Genes*, 9(4).

Tober J, et al. (2018) Maturation of hematopoietic stem cells from prehematopoietic stem cells is accompanied by up-regulation of PD-L1. *The Journal of experimental medicine*, 215(2), 645.

Jahagirdar D, et al. (2018) Induction of Apoptotic Death and Cell Cycle Arrest in HeLa Cells by Extracellular Factors of Breast Cancer Cells. *Asian Pacific journal of cancer prevention : APJCP*, 19(12), 3307.

Hiratsuka S, et al. (2018) Hepato-entrained B220+CD11c+NK1.1+ cells regulate pre-metastatic niche formation in the lung. *EMBO molecular medicine*, 10(7).

Zhang X, et al. (2017) Cyclic hexapeptide-conjugated nanoparticles enhance curcumin delivery to glioma tumor cells and tissue. *International journal of nanomedicine*, 12, 5717.