Resource Summary Report

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Sony biotechnology: SH800S Cell Sorter

RRID:SCR_018066
Type: Tool

Proper Citation

Sony biotechnology: SH800S Cell Sorter (RRID:SCR_018066)

Resource Information

URL: https://www.sonybiotechnology.com/us/instruments/sh800s-cell-sorter/

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Description: Benchtop cell sorter that sorts wide range of cell sizes for many applications using microfluidic sorting chips. Integrated with comprehensive fluidics controls and advanced automation for set-up, acquisition, sort and analysis. System software supports sorting into tubes and 96- and 384-well plates. Software generates FCS 3.0 and FCS 3.1 files that can be exported to third party analysis tools. For non-clinical research use only. For applications in which cross-contamination is concern, optional e-beam sterilized consumables can be used to replace sample line and sorting chip. Optional class A2 Level II biosafety cabinet provides protection for personnel and products. Biosafety cabinet meets international standards.Optical design offers up to four collinear excitation lasers (488 nm, 405nm, 561nm and 638nm) and six fluorescence detectors. The six free-form PMTs enable detection of fluorescence signals from any laser based on filter selection.

Synonyms: SH800 cell sorter

Resource Type: instrument resource

Keywords: ABRF, benchtop cell sorter, instrument, Sony Biotechnology, equipment

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018066.pdf

Resource Name: Sony biotechnology: SH800S Cell Sorter

Resource ID: SCR_018066

Alternate IDs: Model_Number_SH800S

Alternate URLs: https://www.sonybiotechnology.com/wordpress/wp-content/uploads/2016/05/Sony_SH800S.pdf

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260725T190842+0000

Ratings and Alerts

No rating or validation information has been found for Sony biotechnology: SH800S Cell Sorter.

No alerts have been found for Sony biotechnology: SH800S Cell Sorter.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Gonzalez-Lozano MA, et al. (2025) EndoMAP.v1 charts the structural landscape of human early endosome complexes. Nature, 643(8070), 252.

Fimiani C, et al. (2025) The E3 ubiquitin ligase Nedd4 fosters developmental myelination in the mouse central and peripheral nervous system. Glia, 73(2), 422.

Benjamin JS, et al. (2025) 23ME-01473, an Fc Effector-Enhanced Anti-ULBP6/2/5 Antibody, Restores NK Cell-Mediated Antitumor Immunity through NKG2D and Fc??RIIIa Activation. Cancer research communications, 5(3), 476.

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

Cho J, et al. (2025) Enhanced differentiation of neural progenitor cells in Alzheimer's disease into vulnerable immature neurons. iScience, 28(5), 112446.

Schott CR, et al. (2024) Osteosarcoma PDX-Derived Cell Line Models for Preclinical Drug Evaluation Demonstrate Metastasis Inhibition by Dinaciclib through a Genome-Targeted Approach. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(4), 849.

Poort VM, et al. (2024) Transient Differentiation-State Plasticity Occurs during Acute Lymphoblastic Leukemia Initiation. Cancer research, 84(16), 2720.

Zhou J, et al. (2024) Phenotypic switching as a non-genetic mechanism of resistance predicts antibody therapy regimens. iScience, 27(4), 109450.

Cheung G, et al. (2024) Multipotent progenitors instruct ontogeny of the superior colliculus. Neuron, 112(2), 230.

Fox A, et al. (2024) Adipose microenvironment promotes hypersialylation of ovarian cancer cells. Frontiers in oncology, 14, 1432333.

Fox A, et al. (2024) Adipose microenvironment promotes hypersialylation of ovarian cancer cells. bioRxiv : the preprint server for biology.

Chambers C, et al. (2023) SWI/SNF Blockade Disrupts PU.1-Directed Enhancer Programs in Normal Hematopoietic Cells and Acute Myeloid Leukemia. Cancer research, 83(7), 983.

Hoyer MJ, et al. (2023) Combinatorial selective ER-phagy remodels the ER during neurogenesis. bioRxiv : the preprint server for biology.

Wu Y, et al. (2023) MicroRNA-223 limits murine hemogenic endothelial cell specification and myelopoiesis. Developmental cell, 58(14), 1237.

Bertrums EJM, et al. (2022) Elevated Mutational Age in Blood of Children Treated for Cancer Contributes to Therapy-Related Myeloid Neoplasms. Cancer discovery, 12(8), 1860.

DeGeer J, et al. (2022) Ral GTPases are critical regulators of spinal cord myelination and homeostasis. Cell reports, 40(13), 111413.

Oherle K, et al. (2020) Insulin-like Growth Factor 1 Supports a Pulmonary Niche that Promotes Type 3 Innate Lymphoid Cell Development in Newborn Lungs. Immunity, 52(2), 275.