Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 30, 2025

Seahorse Wave

RRID:SCR_014526
Type: Tool

Proper Citation

Seahorse Wave (RRID:SCR_014526)

Resource Information

URL: http://www.agilent.com/en-us/products/cell-analysis-(seahorse)/software-download-for-wave-desktop

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Description: Software to manage Seahorse XFe24 Analyzer, which measures OCR and ECAR of live cells in a 24-well plate format. Users can create and modify assay templates and analyze and manage data.

Resource Type: software application, software resource, data management software, data analysis software, data processing software

Keywords: hardware management software, seahorse, xf data analysis, live cells

Funding:

Availability: Commercial software

Resource Name: Seahorse Wave

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Alternate URLs: http://www.agilent.com/cs/pubimages/misc/User_Guide_Wave_Desktop_2-3.pdf

Record Creation Time: 20220129T080320+0000

Record Last Update: 20250330T061349+0000

Ratings and Alerts

No rating or validation information has been found for Seahorse Wave.

No alerts have been found for Seahorse Wave.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 81 mentions in open access literature.

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

Arnone AA, et al. (2025) Endocrine-targeting therapies shift the breast microbiome to reduce estrogen receptor-? breast cancer risk. Cell reports. Medicine, 6(1), 101880.

Damiecki M, et al. (2024) Mitochondrial apolipoprotein MIC26 is a metabolic rheostat regulating central cellular fuel pathways. Life science alliance, 7(12).

Tagliatti E, et al. (2024) Trem2 expression in microglia is required to maintain normal neuronal bioenergetics during development. Immunity, 57(1), 86.

Panagaki T, et al. (2024) Neurobehavioral dysfunction in a mouse model of Down syndrome: upregulation of cystathionine ?-synthase, H2S overproduction, altered protein persulfidation, synaptic dysfunction, endoplasmic reticulum stress, and autophagy. GeroScience, 46(5), 4275.

Joladarashi D, et al. (2024) GPC3-mediated metabolic rewiring of diabetic mesenchymal stromal cells enhances their cardioprotective functions via PKM2 activation. iScience, 27(10), 111021.

Oberholtzer N, et al. (2024) H2S-Prdx4 axis mitigates Golgi stress to bolster tumor-reactive T cell immunotherapeutic response. Science advances, 10(46), eadp1152.

Sonsalla G, et al. (2024) Direct neuronal reprogramming of NDUFS4 patient cells identifies the unfolded protein response as a novel general reprogramming hurdle. Neuron.

Mahadev Bhat S, et al. (2024) Heterogeneous distribution of mitochondria and succinate dehydrogenase activity in human airway smooth muscle cells. FASEB bioAdvances, 6(6), 159.

Romero-Carramiñana I, et al. (2024) Ablation of Atp5if1 impairs metabolic reprogramming and proliferation of T lymphocytes and compromises mouse survival. iScience, 27(6), 109863.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron

progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. Cell stem cell, 31(6), 921.

Ramakrishnan GS, et al. (2024) SHIP inhibition mediates select TREM2-induced microglial functions. Molecular immunology, 170, 35.

Farmaki E, et al. (2023) ONC201/TIC10 enhances durability of mTOR inhibitor everolimus in metastatic ER+ breast cancer. eLife, 12.

Gargiulo E, et al. (2023) Extracellular Vesicle Secretion by Leukemia Cells In Vivo Promotes CLL Progression by Hampering Antitumor T-cell Responses. Blood cancer discovery, 4(1), 54.

Xia Q, et al. (2023) Peroxiredoxin 2 is required for the redox mediated adaptation to exercise. Redox biology, 60, 102631.

Baden P, et al. (2023) Glucocerebrosidase is imported into mitochondria and preserves complex I integrity and energy metabolism. Nature communications, 14(1), 1930.

Shee S, et al. (2023) Biosensor-integrated transposon mutagenesis reveals rv0158 as a coordinator of redox homeostasis in Mycobacterium tuberculosis. eLife, 12.

Allard D, et al. (2023) The CD73 immune checkpoint promotes tumor cell metabolic fitness. eLife, 12.

Katleba KD, et al. (2023) Androgen receptor-dependent regulation of metabolism in high grade bladder cancer cells. Scientific reports, 13(1), 1762.

Hu D, et al. (2023) TMEM135 links peroxisomes to the regulation of brown fat mitochondrial fission and energy homeostasis. Nature communications, 14(1), 6099.

Ghosh D, et al. (2023) Ets1 facilitates EMT/invasion through Drp1-mediated mitochondrial fragmentation in ovarian cancer. iScience, 26(9), 107537.