Resource Summary Report

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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, data analysis software, software resource, data management software, data processing software

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

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: 20260729T044353+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 99 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Yue F, et al. (2025) Mitochondrial fatty acid oxidation regulates adult muscle stem cell function through modulating metabolic flux and protein acetylation. The EMBO journal, 44(9), 2566.

Wang K, et al. (2025) Tobacco Smoking Rewires Cell Metabolism by Inducing GAPDH Succinylation to Promote Lung Cancer Progression. Cancer research, 85(15), 2838.

Zhang Z, et al. (2025) AARS2 ameliorates myocardial ischemia via fine-tuning PKM2-mediated metabolism. eLife, 13.

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.

Yang W, et al. (2025) Impaired mitochondrial metabolism is a critical cancer vulnerability for MYC inhibitors. Science advances, 11(29), eadw5228.

Bordi M, et al. (2025) ADSL deficiency is a secondary mitochondrial disease affecting organelle homeostasis and ERK2/AKT signaling in a linear genotype-phenotype relation. Cell reports, 44(9), 116230.

Pakhira S, et al. (2025) Altered fatty acid oxidation via CPT1A promotes epithelial-to-mesenchymal transition in ovarian cancer. The FEBS journal.

Crnkovic S, et al. (2025) Adventitial fibroblasts direct smooth muscle cell-state transition in pulmonary vascular disease. eLife, 13.

Clark ML, et al. (2025) Mitochondrial complex IV remodeling in tumor-associated macrophages amplifies interferon signaling and promotes anti-tumor immunity. Immunity, 58(7), 1670.

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

Matsushita M, et al. (2025) Peroxisomes are critical for a unique metabolic demand and survival of alveolar macrophages. Cell reports, 44(5), 115623.

Mahadev Bhat S, et al. (2025) TNF?-mediated subcellular heterogeneity of succinate dehydrogenase activity in human airway smooth muscle cells. American journal of physiology. Lung cellular and molecular physiology, 328(6), L792.

Vasileiadis GK, et al. (2025) Acylcarnitine enrichment as a characteristic of rheumatoid arthritis fibroblast-like synoviocyte metabolic fingerprint. Journal of translational autoimmunity, 11, 100310.

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

Nah J, et al. (2025) Microprotein SMIM26 drives oxidative metabolism via serine-responsive mitochondrial translation. Molecular cell, 85(14), 2759.

Köhne M, et al. (2025) Satb1 directs the differentiation of TH17 cells through suppression of IL-2 expression. Cell reports, 44(7), 115866.

Zhang J, et al. (2025) Bacterial pneumonia induces senescence in resident alveolar macrophages that are outcompeted by monocytes. Cell reports, 44(5), 115571.

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

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

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.