

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](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: data management software, software application, data processing software, data analysis software, software resource

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

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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: 20260804T043542+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

Usage and Citation Metrics

We found 99 mentions in open access literature.

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

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.

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

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

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.

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

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.

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

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

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.

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

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.

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

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

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.