

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 analysis software, data management software, data processing software, software application, 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: 20260919T195258+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 104 mentions in open access literature.

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

Sugiura A, et al. (2026) Tissue and CD4 T cell subset dependence on the amino acid transporter SLC38A1. *Cell metabolism*, 38(4), 712.

Duan R, et al. (2026) Hepatocyte PLAGL2 deficiency alleviates MASH through MYD88-licensed inactivation of inflammasome. *Cell reports*, 45(2), 116942.

Amorim R, et al. (2026) Mitochondria-targeted antioxidant AntiOxBEN2 prevents metabolic dysfunction-associated steatotic liver disease (MASLD) by enhancing fatty acid oxidation and mitochondrial bioenergetics. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 196, 119022.

Ledwith AE, et al. (2026) Yeast β -glucan supplementation supports immunometabolic anti-tumor responses and reverses obesity-induced dysfunction via trained hematopoiesis. *Cell reports*, 45(7), 117648.

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.

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.

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

Arnone AA, et al. (2025) Endocrine-targeting therapies shift the breast microbiome to reduce estrogen receptor- α 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.

Vagher B, et al. (2025) UDP-glucose regulates dendritic cell mitochondrial respiration via a nitric oxide-dependent mechanism. *Journal of leukocyte biology*, 117(5).

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.

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

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

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.

Mahadev Bhat S, et al. (2025) TNF α -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.

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

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