

Resource Summary Report

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Agilent Seahorse Wave

RRID:SCR_024491

Type: Tool

Proper Citation

Agilent Seahorse Wave (RRID:SCR_024491)

Resource Information

URL: <https://www.agilent.com/en/product/cell-analysis/real-time-cell-metabolic-analysis/xf-software/seahorse-wave-controller-software-2-6-1-740904>

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Description: Instrument control and data acquisition software for Agilent Seahorse XFe96 and XFe24 analyzers with Windows 10 64-bit OS only. Experiment design, instrument control, data analysis, and file management software. Software provides intuitive interface with predefined assay templates and streamlined experimental design for simplified metabolic analysis.

Synonyms: Seahorse Wave

Resource Type: software application, data acquisition software, data processing software, software resource

Keywords: Instrument control, data acquisition, Agilent Seahorse XFe96 analyzer, Agilent Seahorse XFe24 analyzer, predefined assay templates, streamlined experimental design, simplified metabolic analysis,

Resource Name: Agilent Seahorse Wave

Resource ID: SCR_024491

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260812T044436+0000

Ratings and Alerts

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

No alerts have been found for Agilent Seahorse Wave.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Huang KK, et al. (2026) Mutational Signatures and Clonal Hematopoiesis in Intestinal Metaplasia across Countries with Varying Stomach Cancer Incidence. *Cancer discovery*, 16(3), 497.

Zhao K, et al. (2026) Cardiospermum halicacabum Extract Attenuates UVB-Induced Photoaging in Human Skin Fibroblasts via Inhibition of the PI3K/Akt/mTOR Signaling Pathway. *International journal of molecular sciences*, 27(5).

Lefrançois G, et al. (2026) The role of ATP synthase subunit e (ATP5I) in mediating the metabolic and antiproliferative effects of metformin in cancer cells. *eLife*, 13.

O'Callaghan B, et al. (2026) Glucose concentration of neuronal media formulations influences PINK1-dependent mitophagy in human iNeurons. *Autophagy reports*, 5(1), 2685472.

Özel C, et al. (2026) Mitochondrial integrity modulates mTOR signaling and podocyte function. *iScience*, 29(1), 114279.

He J, et al. (2026) Differential regulation of hepatic macrophage fate by Chi3l1 in metabolic dysfunction-associated steatotic liver disease. *eLife*, 14.

Mathieu C, et al. (2026) Inhibition of TRAP1 in the C-terminal domain influences mitochondria properties and breast cancer cell metabolism. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 196, 119060.

Wang Q, et al. (2026) Serglycin Drives LAG3+ Treg Differentiation and Immunosuppression in Gastric Cancer. *Cancer research*, 86(10), 2395.

He J, et al. (2026) Hyperactivated glycolysis drives spatially patterned Kupffer cell depletion in MASLD. *eLife*, 14.

Rechtsteiner M, et al. (2026) Stage dependent alterations in PBMC mitochondrial bioenergetics in pediatric obesity: from insulin resistance to type 2 diabetes. *Diabetes research and clinical practice*, 237, 113300.

Park JH, et al. (2025) Biguanides antithetically regulate tumor properties by the dose-dependent mitochondrial reprogramming-driven c-Src pathway. *Cell reports. Medicine*, 6(2), 101941.

Landi D, et al. (2025) A Checkpoint Reversal Receptor Mediates Bipartite Activation and Enhances CAR T-cell Function. *Cancer research communications*, 5(3), 527.

Ito M, et al. (2025) Extremely low-frequency electromagnetic field (ELF-EMF) enhances mitochondrial energy production in NARP cybrids. *Scientific reports*, 15(1), 24369.

Musthafa T, et al. (2025) Altered Mitochondrial Bioenergetics and Calcium Kinetics in Young-Onset PLA2G6 Parkinson's Disease iPSCs. *Journal of neurochemistry*, 169(4), e70059.

Yera M, et al. (2025) Protocol for real-time assessment of energy metabolism in dissociated mouse retinal photoreceptors using a SeahorseXFe24 analyzer. *STAR protocols*, 6(1), 103595.

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. *Cancer discovery*, 15(2), 401.

Zhou S, et al. (2025) Indole-3-lactic acid suppresses colorectal cancer via metabolic reprogramming. *Gut microbes*, 17(1), 2508949.

Harhai M, et al. (2025) An updated inventory of genes essential for oxidative phosphorylation identifies a mitochondrial origin in familial Ménière's disease. *Cell reports*, 44(8), 116069.

Kulkarni AJ, et al. (2025) L-Phenylalanine is a metabolic checkpoint of human Th2 cells. *Cell reports. Medicine*, 6(12), 102466.

Kim CW, et al. (2025) Gut dysbiosis from high-salt diet promotes glioma via propionate-mediated TGF- β activation. *The Journal of experimental medicine*, 222(8).