

# Resource Summary Report

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## Agilent Seahorse Wave

RRID:SCR\_024491

Type: Tool

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### Proper Citation

Agilent Seahorse Wave (RRID:SCR\_024491)

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### 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, software resource, data processing software, data acquisition software

**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:** 20260729T044610+0000

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### 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 18 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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

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.

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

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.

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.

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.

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

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

Benjaskulluecha S, et al. (2024) O6-methylguanine DNA methyltransferase regulates  $\beta$ -glucan-induced trained immunity of macrophages via farnesoid X receptor and AMPK. *iScience*, 27(1), 108733.

Murata D, et al. (2024) mCAUSE: Prioritizing mitochondrial targets that alleviate pancreatic cancer cell phenotypes. *iScience*, 27(9), 110880.

Della Volpe L, et al. (2024) A p38 MAPK-ROS axis fuels proliferation stress and DNA damage during CRISPR-Cas9 gene editing in hematopoietic stem and progenitor cells. *Cell reports. Medicine*, 5(11), 101823.

Pauzaite T, et al. (2024) Deubiquitinating enzyme mutagenesis screens identify a USP43-dependent HIF-1 transcriptional response. *The EMBO journal*, 43(17), 3677.

Westholm E, et al. (2024) IGFBP7 is upregulated in islets from T2D donors and reduces insulin secretion. *iScience*, 27(9), 110767.

Firth W, et al. (2024) Regulation of astrocyte metabolism by mitochondrial translocator protein 18 kDa. *Journal of neurochemistry*.

Wu K, et al. (2021) MicroRNA-18a-5p regulates the Warburg effect by targeting hypoxia-inducible factor 1 $\alpha$  in the K562/ADM cell line. *Experimental and therapeutic medicine*, 22(4), 1069.