

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Agilent: Seahorse XFe24 Cell Analyzer

RRID:SCR_019539

Type: Tool

Proper Citation

Agilent: Seahorse XFe24 Cell Analyzer (RRID:SCR_019539)

Resource Information

URL: <https://www.agilent.com/en/products/cell-analysis/seahorse-analyzers/seahorse-xfe24-analyzer>

Proper Citation: Agilent: Seahorse XFe24 Cell Analyzer (RRID:SCR_019539)

Description: Seahorse XFe24 Analyzers measure OCR and ECAR of live cells in a 24-well plate format.

Resource Type: instrument resource

Keywords: Agilent, Seahorse XF Analyzer, Instrument Equipment, USEdit,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_019539.pdf

Resource Name: Agilent: Seahorse XFe24 Cell Analyzer

Resource ID: SCR_019539

Alternate IDs: SCR_019541, Model_Number_XFe24

Alternate URLs: <https://www.biocompare.com/10967-Cell-Analysis-Systems/12785610-Seahorse-XFe24-Analyzer/>

Record Creation Time: 20220129T080345+0000

Record Last Update: 20260801T190626+0000

Ratings and Alerts

No rating or validation information has been found for Agilent: Seahorse XFe24 Cell Analyzer.

No alerts have been found for Agilent: Seahorse XFe24 Cell Analyzer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Swain S, et al. (2025) Low-Glucose Culture Conditions Bias Neuronal Energetics Towards Oxidative Phosphorylation. *Journal of neurochemistry*, 169(6), e70125.

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.

Cluzet V, et al. (2025) Pharmacologic Inhibition of SIRT1 Limits the Growth of Tumoral and Metastatic Granulosa Cells by Affecting mTOR, Myc, and E2F Pathways. *Molecular cancer therapeutics*, 24(8), 1197.

Park CH, et al. (2025) Cold-inducible GOT1 activates the malate-aspartate shuttle in brown adipose tissue to support fuel preference for fatty acids. *Cell reports*, 44(7), 115888.

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.

Nascentes Melo LM, et al. (2024) Selenoprotein O Promotes Melanoma Metastasis and Regulates Mitochondrial Complex II Activity. *Cancer research*.

Liu Y, et al. (2024) Imbalance in Glucose Metabolism Regulates the Transition of Microglia from Homeostasis to Disease-Associated Microglia Stage 1. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(20).

Miquel E, et al. (2024) Pyruvate dehydrogenase kinase 2 knockdown restores the ability of amyotrophic lateral sclerosis-linked SOD1G93A rat astrocytes to support motor neuron survival by increasing mitochondrial respiration. *Glia*, 72(5), 999.

Mahadev Bhat S, et al. (2024) Heterogeneous distribution of mitochondria and succinate dehydrogenase activity in human airway smooth muscle cells. *FASEB bioAdvances*, 6(6), 159.

Chehade H, et al. (2023) MNRR1 is a driver of ovarian cancer progression. *Translational oncology*, 29, 101623.

Song C, et al. (2023) Aminoprocaltitonin protects against hippocampal neuronal death via preserving oxidative phosphorylation in refractory status epilepticus. *Cell death discovery*, 9(1), 144.

Bancaro N, et al. (2023) Apolipoprotein E induces pathogenic senescent-like myeloid cells in prostate cancer. *Cancer cell*, 41(3), 602.

Rossi M, et al. (2022) Beta-blockers disrupt mitochondrial bioenergetics and increase radiotherapy efficacy independently of beta-adrenergic receptors in medulloblastoma. *EBioMedicine*, 82, 104149.