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??-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.

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

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

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.