

Resource Summary Report

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Oxford: Optronix GelCount

RRID:SCR_023219

Type: Tool

Proper Citation

Oxford: Optronix GelCount (RRID:SCR_023219)

Resource Information

URL: <https://www.oxford-optronix.com/gelcount-cell-colony-counter#:~:text=GelCount%E2%84%A2%20is%20an%20easy,Petri%20dishes%20and%20T25%20>

Proper Citation: Oxford: Optronix GelCount (RRID:SCR_023219)

Description: Mammalian cell colony, spheroid and organoid counter. PC software operated colony counter that automates detection, counting and analysis of mammalian cell colonies in multi-well plates, Petri dishes and T25 flasks.

Synonyms: GelCount

Resource Type: instrument resource

Keywords: PC software operated colony counter, mammalian cell colony, spheroid and organoid counter, colony counter, instrument, equipment, USEdit

Availability: Restricted

Resource Name: Oxford: Optronix GelCount

Resource ID: SCR_023219

Record Creation Time: 20230202T050240+0000

Record Last Update: 20260905T133022+0000

Ratings and Alerts

No rating or validation information has been found for Oxford: Optronix GelCount.

No alerts have been found for Oxford: Optronix GelCount.

Data and Source Information

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Zhou C, et al. (2026) HIF-1-regulated TPM3 links hypoxia to motility and invasion beyond the hypoxic fraction in triple-negative breast cancer. NPJ breast cancer, 12(1).

Yemelyanenko J, et al. (2026) C-Terminal Truncation and Fusion Partner Determine Oncogenicity of FGFR3. Cancer research, 86(6), 1372.

Puleo N, et al. (2025) Identification of a TNIK-CDK9 Axis as a Targetable Strategy for Platinum-Resistant Ovarian Cancer. Molecular cancer therapeutics, 24(4), 639.

Marotta VE, et al. (2025) OTUD6B regulates KIFC1-dependent centrosome clustering and breast cancer cell survival. EMBO reports, 26(4), 1003.

Maric M, et al. (2025) EXO1 as a therapeutic target for Fanconi Anaemia, ZRSR2 and BRCA1-A complex deficient cancers. Nature communications, 16(1), 8476.

Thawani R, et al. (2024) TKI type switching overcomes ROS1 L2086F in ROS1 fusion-positive cancers. NPJ precision oncology, 8(1), 175.

Clancy A, et al. (2023) ISGylation-independent protection of cell growth by USP18 following interferon stimulation. The Biochemical journal, 480(19), 1571.

St??venin V, et al. (2023) Soft agar colony formation assay to quantify mouse embryonic fibroblast transformation after Salmonella infection. STAR protocols, 4(3), 102379.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. Cancer research communications, 3(10), 2030.

Dustin D, et al. (2021) RON signalling promotes therapeutic resistance in ESR1 mutant breast cancer. British journal of cancer, 124(1), 191.

Jungwirth U, et al. (2021) Impairment of a distinct cancer-associated fibroblast population limits tumour growth and metastasis. Nature communications, 12(1), 3516.

Chen C, et al. (2021) PD-L1 tumor-intrinsic signaling and its therapeutic implication in triple-negative breast cancer. JCI insight, 6(8).

Shao Y, et al. (2019) Canonical Wnt Signaling Promotes Neovascularization Through Determination of Endothelial Progenitor Cell Fate via Metabolic Profile Regulation. Stem cells (Dayton, Ohio), 37(10), 1331.

Jungwirth U, et al. (2018) Generation and characterisation of two D2A1 mammary cancer sublines to model spontaneous and experimental metastasis in a syngeneic BALB/c host.

Disease models & mechanisms, 11(1).

Han Y, et al. (2017) Lsh/HELLS regulates self-renewal/proliferation of neural stem/progenitor cells. Scientific reports, 7(1), 1136.