

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

Perkin Elmer: Operetta CLS

RRID:SCR_018810

Type: Tool

Proper Citation

Perkin Elmer: Operetta CLS (RRID:SCR_018810)

Resource Information

URL: https://www.perkinelmer.com/lab-solutions/resources/docs/BRO_Operetta_CLS_FINAL.pdf

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Description: High content image acquisition instrument. Automatic cell imaging system designed for quantitative cellular analysis of fixed or live cells. Contains sCMOS camera that provides large field of view and high resolution image capture.

Synonyms: Operetta CLS system

Resource Type: instrument resource

Keywords: Image acquisition, cell imaging, cell imaging system, automatic system, quantitative cellular analysis, fixed cell, alive cell, sCMOS camera, image capture, instrument, equipment

Availability: Restricted

Resource Name: Perkin Elmer: Operetta CLS

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Alternate URLs: <https://www.merck.com/media/18694/operetta-cls-high-content-analysis-system-brochure.pdf>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260815T182559+0000

Ratings and Alerts

No rating or validation information has been found for Perkin Elmer: Operetta CLS.

No alerts have been found for Perkin Elmer: Operetta CLS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Mochizuki S, et al. (2026) Oxysterol-binding protein-related protein 6 regulates neuronal morphology and migration of cerebellar granule cells during cerebellar development in vivo. *Biochemistry and biophysics reports*, 46, 102585.

Heiduk M, et al. (2026) Nectin-4 reduces T cell effector function and is a therapeutic target in pancreatic cancer. *JCI insight*, 11(2).

Bettinsoli V, et al. (2026) Imaging and safety profiling of inhaled siRNA RyR2 in human respiratory models. *Archives of toxicology*, 100(7), 3053.

Suresh V, et al. (2026) Modelling EWS::FLI1 protein fluctuations reveal determinants of tumor plasticity in Ewing sarcoma. *EMBO molecular medicine*, 18(2), 646.

Woo SM, et al. (2026) Inhibiting Fatty Acid Oxidation Reverses Autophagy-Mediated Acquired Chemotherapy Resistance in Pancreatic Ductal Adenocarcinoma. *Cancer research*, 86(13), 3194.

Nguyen N, et al. (2026) Transcranial microtesla magnetic fields suppress neuroinflammation and neuronal oxidative stress burden. *iScience*, 29(1), 114425.

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. *Cell*, 189(6), 1656.

Smabers LP, et al. (2025) Patient-Derived Organoids Predict Treatment Response in Metastatic Colorectal Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(23), 5015.

Weidling I, et al. (2025) hiPSC-neurons recapitulate the subtype-specific cell intrinsic nature of susceptibility to neurodegenerative disease-relevant aggregation. *Acta neuropathologica communications*, 13(1), 108.

K??ppe H, et al. (2025) Scratching in style: 3D printers as plotters for automated and complex wound-healing assays. *iScience*, 28(12), 114230.

Wookey P, et al. (2021) Methods to measure calcitonin receptor activity, up-regulated in cell stress, apoptosis and autophagy. *F1000Research*, 10, 1019.