

Resource Summary Report

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Perkin Elmer: IVIS Spectrum In Vivo Imaging System

RRID:SCR_018621

Type: Tool

Proper Citation

Perkin Elmer: IVIS Spectrum In Vivo Imaging System (RRID:SCR_018621)

Resource Information

URL: <https://www.perkinelmer.com/product/ivis-instrument-spectrum-120v-andor-c-124262>

Proper Citation: Perkin Elmer: IVIS Spectrum In Vivo Imaging System (RRID:SCR_018621)

Description: In vivo imaging system that combines two dimensional and three dimensional optical tomography in one platform. The system uses leading optical technology for preclinical imaging research and development best for non-invasive longitudinal monitoring of disease progression, cell trafficking and gene expression patterns in living animals.

Resource Type: instrument resource

Keywords: In vivo imaging system, Instrument, Equipment, USEdit, Perkin Elmer, ABRF

Resource Name: Perkin Elmer: IVIS Spectrum In Vivo Imaging System

Resource ID: SCR_018621

Alternate IDs: Model_Number_IVIS, SCR_020397

Alternate URLs: https://resources.perkinelmer.com/lab-solutions/resources/docs/bro_010572b_01_prd_ivis_spectrum.pdf

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Ratings and Alerts

No rating or validation information has been found for Perkin Elmer: IVIS Spectrum In Vivo Imaging System.

No alerts have been found for Perkin Elmer: IVIS Spectrum In Vivo Imaging System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Khan MA, et al. (2026) Targeting FOXM1 reshapes antitumor immunity to attenuate small cell lung cancer progression. *Cancer letters*, 638, 218160.

Li H, et al. (2026) PDZRN4 suppresses lung adenocarcinoma progression via inhibiting ubiquitin-mediated HIF-1A degradation. *Oncogene*, 45(4), 577.

Laplane P, et al. (2025) Effect of Mismatch repair deficiency on metastasis occurrence in a syngeneic mouse model. *Neoplasia (New York, N.Y.)*, 62, 101145.

Klemm N, et al. (2025) The Prolonged Half-Life of the p53 Missense Variant R248Q Promotes Accumulation and Heterotetramer Formation with Wild-Type p53 to Exert the Dominant-Negative Effect. *Cancer research*, 85(11), 1978.

Wang X, et al. (2025) Spatial and Single-Cell Analyses Reveal Heterogeneity of DNAM-1 Receptor-Ligand Interactions That Instructs Intratumoral T-cell Activity. *Cancer research*, 85(2), 277.

Lindland K, et al. (2025) Preclinical Evaluation of PTK7-Targeted Radionuclide Therapy. *Molecular cancer therapeutics*, 24(9), 1415.

Bernasconi-Bisio F, et al. (2025) Discovery and preclinical development of a SdAb-based CAR-T technology for targeting CD33 in AML. *Molecular therapy. Oncology*, 33(1), 200949.

Harre P, et al. (2025) Dietary ω -3 polyunsaturated fatty acids (PUFAs) reduce cholesterol-driven non-small cell lung cancer (NSCLC) progression in mouse models of disease. *Communications medicine*, 5(1), 432.

Shen H, et al. (2025) Engineered commensals for targeted nose-to-brain drug delivery. *Cell*, 188(6), 1545.

Mogol AN, et al. (2025) ACSS2-Mediated Metabolic-Epigenetic Crosstalk Drives Fulvestrant Resistance and Represents a Novel Therapeutic Target. *bioRxiv : the preprint server for biology*.

Lee W, et al. (2025) Protocol for assessing mobilization of peritoneal B cells to the pre-metastatic omentum in an orthotopic mouse model of ovarian cancer. *STAR protocols*, 6(2), 103806.

Maurya SK, et al. (2025) Mucin 5AC Promotes Breast Cancer Brain Metastasis through cMET/CD44v6. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(5), 921.

Crawford KJ, et al. (2025) Targeting FGFR4 abrogates HNF1A-driven metastasis in pancreatic ductal adenocarcinoma. Molecular cancer, 24(1), 208.

Prabagar MG, et al. (2024) THE STING AGONIST VB-85247 INDUCES DURABLE ANTITUMOR IMMUNE RESPONSES BY INTRAVESICAL ADMINISTRATION IN A NON-MUSCLE INVASIVE BLADDER CANCER. Cancer research.

Mustafa EH, et al. (2024) Selective inhibition of CDK9 in triple negative breast cancer. Oncogene, 43(3), 202.

Saggese P, et al. (2024) Glucose Deprivation Promotes Pseudohypoxia and Dedifferentiation in Lung Adenocarcinoma. Cancer research, 84(2), 305.

Ullah I, et al. (2024) Bioluminescence imaging reveals enhanced SARS-CoV-2 clearance in mice with combinatorial regimens. iScience, 27(3), 109049.

Jessa S, et al. (2024) FOXR2 targets LHX6+/DLX+ neural lineages to drive CNS neuroblastoma. Cancer research.

Cao C, et al. (2024) CXCR4 orchestrates the TOX-programmed exhausted phenotype of CD8+ T cells via JAK2/STAT3 pathway. Cell genomics, 4(10), 100659.

Springer AD, et al. (2024) Preclinical Evaluation of STI-8811, a Novel Antibody-Drug Conjugate Targeting BCMA for the Treatment of Multiple Myeloma. Cancer research communications, 4(10), 2660.