

Resource Summary Report

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Perkin Elmer:: Xenogen IVIS 100 Imaging System

RRID:SCR_020901

Type: Tool

Proper Citation

Perkin Elmer:: Xenogen IVIS 100 Imaging System (RRID:SCR_020901)

Resource Information

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

Proper Citation: Perkin Elmer:: Xenogen IVIS 100 Imaging System (RRID:SCR_020901)

Description: In vivo imaging system that combines 2D optical and 3D optical tomography in one platform. The system can be used 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: Xenogen, Imaging System, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Perkin Elmer:: Xenogen IVIS 100 Imaging System

Resource ID: SCR_020901

Alternate IDs: Model_Number_IVIS 100

Record Creation Time: 20220129T080352+0000

Record Last Update: 20260905T132930+0000

Ratings and Alerts

No rating or validation information has been found for Perkin Elmer:: Xenogen IVIS 100 Imaging System.

No alerts have been found for Perkin Elmer:: Xenogen IVIS 100 Imaging System.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Walsh C, et al. (2026) Lymphatic pumping technique in mice alters blood parameters and metastatic melanoma in an age-dependent manner. *Experimental biology and medicine* (Maywood, N.J.), 251, 10850.

Landi D, et al. (2025) A Checkpoint Reversal Receptor Mediates Bipartite Activation and Enhances CAR T-cell Function. *Cancer research communications*, 5(3), 527.

Shao YY, et al. (2025) Downregulation of PD-L1 expression by Wnt pathway inhibition to enhance PD-1 blockade efficacy in hepatocellular carcinoma. *Biology direct*, 20(1), 49.

Yadav N, et al. (2023) More time to kill: A longer liver stage increases T cell-mediated protection against pre-erythrocytic malaria. *iScience*, 26(12), 108489.

Stern LA, et al. (2022) Engineered IL13 variants direct specificity of IL13R α 2-targeted CAR T cell therapy. *Proceedings of the National Academy of Sciences of the United States of America*, 119(33), e2112006119.

Ruf B, et al. (2021) Activating Mucosal-Associated Invariant T Cells Induces a Broad Antitumor Response. *Cancer immunology research*, 9(9), 1024.

Sharanek A, et al. (2021) Transcriptional control of brain tumor stem cells by a carbohydrate binding protein. *Cell reports*, 36(9), 109647.

Kalra J, et al. (2015) Using Pharmacokinetic Profiles and Digital Quantification of Stained Tissue Microarrays as a Medium-Throughput, Quantitative Method for Measuring the Kinetics of Early Signaling Changes Following Integrin-Linked Kinase Inhibition in an In Vivo Model of Cancer. *The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society*, 63(9), 691.

Yong J, et al. (2011) Multimodality imaging of β -cells in mouse models of type 1 and 2 diabetes. *Diabetes*, 60(5), 1383.