

Resource Summary Report

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Luminex: Amnis ImageStreamX Mk II System

RRID:SCR_018589

Type: Tool

Proper Citation

Luminex: Amnis ImageStreamX Mk II System (RRID:SCR_018589)

Resource Information

URL: <https://www.ttuhschool.edu/pharmacy/research/documents/Amnis-Imagestream-Manual.pdf>

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Description: Bench top multispectral imaging flow cytometer designed for the acquisition of up to 12 channels of cellular imagery. It combines per cell information with statistical significance of sample sizes of standard flow cytometry.

Synonyms: , Luminex ImageStream MkII Multispectral Imaging Flow Cytometer, MkII imaging flow cytometer, Luminex ImageStream MkII Flow Cytometer, Luminex Amnis ImageStream MkII Multispectral Imaging Flow Cytometer

Resource Type: instrument resource

Keywords: Benchtop Flow Cytometer, Instrument, Equipment, imaging flow cytometer, USEdit, Luminex

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018589.pdf

Resource Name: Luminex: Amnis ImageStreamX Mk II System

Resource ID: SCR_018589

Alternate IDs: SCR_020244, SCR_020142, Model_Number_ImageStreamX_MkII

Alternate URLs: <https://www.unthsc.edu/research/wp-content/uploads/sites/21/AMNIS-Imagestream.pdf>

Old URLs: <https://www.luminexcorp.com/imagestreamx-mk-ii/>

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260725T190852+0000

Ratings and Alerts

No rating or validation information has been found for Luminex: Amnis ImageStreamX Mk II System.

No alerts have been found for Luminex: Amnis ImageStreamX Mk II System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 130 mentions in open access literature.

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

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. *Cell*, 189(1), 123.

Stern YE, et al. (2026) Targeting CDK12/13 Drives Mitotic Arrest to Overcome Resistance to KRASG12C Inhibitors. *Cancer research*, 86(2), 485.

Itlis C, et al. (2025) A ganglioside-based immune checkpoint enables senescent cells to evade immunosurveillance during aging. *Nature aging*, 5(2), 219.

Shen F, et al. (2025) Human Kallikrein 2: A Novel Lineage-Specific Surface Target in Prostate Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(21), 4543.

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

Krell J, et al. (2025) Protocol for assessing and visualizing cell microaggregate formation in whole blood by imaging flow cytometry. *STAR protocols*, 6(1), 103598.

Baron N, et al. (2024) LeishIF4E2 is a cap-binding protein that plays a role in Leishmania cell cycle progression. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(1), e23367.

Otsuka S, et al. (2024) Calcineurin is an adaptor required for assembly of the TCR signaling complex. *Cell reports*, 43(8), 114568.

Manesia JK, et al. (2023) AA2P-mediated DNA demethylation synergizes with stem cell agonists to promote expansion of hematopoietic stem cells. *Cell reports methods*, 3(12), 100663.

Ruivo CF, et al. (2022) Extracellular Vesicles from Pancreatic Cancer Stem Cells Lead an Intratumor Communication Network (EVNet) to fuel tumour progression. *Gut*, 71(10), 2043.

Stolarek I, et al. (2022) Dimensionality reduction by UMAP for visualizing and aiding in classification of imaging flow cytometry data. *iScience*, 25(10), 105142.

Rossignol J, et al. (2022) Neuropilin-1 cooperates with PD-1 in CD8+ T cells predicting outcomes in melanoma patients treated with anti-PD1. *iScience*, 25(6), 104353.

González Bullón D, et al. (2021) Cholesterol stimulates the lytic activity of Adenylate Cyclase Toxin on lipid membranes by promoting toxin oligomerization and formation of pores with a greater effective size. *The FEBS journal*, 288(23), 6795.

Zbodakova O, et al. (2021) ADAM10 and ADAM17 regulate EGFR, c-Met and TNF RI signalling in liver regeneration and fibrosis. *Scientific reports*, 11(1), 11414.

Dulman RS, et al. (2021) CB1 receptor neutral antagonist treatment epigenetically increases neuropeptide Y expression and decreases alcohol drinking. *Neuropharmacology*, 195, 108623.

Hinz N, et al. (2021) Knockdown of AKT3 Activates HER2 and DDR Kinases in Bone-Seeking Breast Cancer Cells, Promotes Metastasis In Vivo and Attenuates the TGF β /CTGF Axis. *Cells*, 10(2).

Lin CG, et al. (2021) The human telomeric proteome during telomere replication. *Nucleic acids research*, 49(21), 12119.

Cleary CM, et al. (2021) Disordered breathing in a Pitt-Hopkins syndrome model involves Phox2b-expressing parafacial neurons and aberrant Nav1.8 expression. *Nature communications*, 12(1), 5962.

Yang Y, et al. (2021) The role and mechanism of hyperoside against myocardial infarction in mice by regulating autophagy via NLRP1 inflammation pathway. *Journal of ethnopharmacology*, 276, 114187.

Winterton DJ, et al. (2020) Investigating the effects of management practice on mammalian co-occurrence along the West Coast of South Africa. *PeerJ*, 8, e8184.