

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

Funding:

Availability: Restricted

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/>

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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 124 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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

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.

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).

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.

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

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.

Saki G, et al. (2020) Effect of α -asarone in normal and β -amyloid-induced Alzheimeric rats. *Archives of medical science : AMS*, 16(3), 699.

Tham CYL, et al. (2020) Hepatitis Delta Virus Acts as an Immunogenic Adjuvant in Hepatitis B Virus-Infected Hepatocytes. *Cell reports. Medicine*, 1(4), 100060.

Sullivan JA, et al. (2020) Treg-Cell-Derived IL-35-Coated Extracellular Vesicles Promote Infectious Tolerance. *Cell reports*, 30(4), 1039.

Gori β an L, et al. (2020) Head and Neck Cancer Stem Cell-Enriched Spheroid Model for Anticancer Compound Screening. *Cells*, 9(7).

Sun F, et al. (2019) Selenium nanoparticles act as an intestinal p53 inhibitor mitigating chemotherapy-induced diarrhea in mice. *Pharmacological research*, 149, 104475.

Ebensen T, et al. (2019) The Combination Vaccine Adjuvant System Alum/c-di-AMP Results in Quantitative and Qualitative Enhanced Immune Responses Post Immunization. *Frontiers in cellular and infection microbiology*, 9, 31.