

Resource Summary Report

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Thermo Fisher: Orbitrap Eclipse nanoLC/MS system

RRID:SCR_022212

Type: Tool

Proper Citation

Thermo Fisher: Orbitrap Eclipse nanoLC/MS system (RRID:SCR_022212)

Resource Information

URL: <https://mass-spec.stanford.edu/instruments>

Proper Citation: Thermo Fisher: Orbitrap Eclipse nanoLC/MS system (RRID:SCR_022212)

Description: System includes Thermo Orbitrap Eclipse Tribid mass spectrometer and Waters M-Class Acquity nanoUPLC. This platform features sequential acquisition capabilities and multiple fragmentation types, enabling complex, in depth proteomic experiments.

Synonyms: Thermo Orbitrap Eclipse nanoLC/MS, Orbitrap Eclipse nanoLC/MS

Resource Type: instrument resource

Keywords: Thermo Orbitrap Eclipse Tribid mass spectrometer, Waters M-Class Acquity nanoUPLC, instrument, equipment, USEdit

Funding: NIH S10 OD030473

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_022212.pdf

Resource Name: Thermo Fisher: Orbitrap Eclipse nanoLC/MS system

Resource ID: SCR_022212

Record Creation Time: 20220429T050129+0000

Record Last Update: 20260725T190957+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Orbitrap Eclipse nanoLC/MS system.

No alerts have been found for Thermo Fisher: Orbitrap Eclipse nanoLC/MS system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Khan YA, et al. (2025) SNARE disassembly requires Sec18/NSF side loading. *Nature structural & molecular biology*, 32(9), 1708.

Sheth AS, et al. (2025) PLK1 Inhibition Induces Synthetic Lethality in Fanconi Anemia Pathway-Deficient Acute Myeloid Leukemia. *Cancer research communications*, 5(4), 648.

Lecointe J, et al. (2025) Plasma Proteomics of the Fontan Circulation Reveal Signatures of Oxidative Stress and Cell Death. *Circulation. Heart failure*, 18(5), e012136.

Lakemeyer M, et al. (2025) Identification of a secreted protease from *Bacteroides fragilis* that induces intestinal pain and inflammation by cleavage of PAR2. *bioRxiv : the preprint server for biology*.

Lakemeyer M, et al. (2025) A *Bacteroides fragilis* protease activates host PAR2 to induce intestinal pain and inflammation. *Cell host & microbe*.

Jijumon AS, et al. (2025) Ballistic Microscopy (BaM). *bioRxiv : the preprint server for biology*.

Saad S, et al. (2025) DNA binding and mitotic phosphorylation protect polyglutamine proteins from assembly formation. *Cell*, 188(11), 2974.

Hernandez Arriaza R, et al. (2025) ApoE is Secreted as a Lipid Nanoparticle by Mammalian Cells: Implications for Alzheimer's Disease Pathogenesis. *Biochemistry*, 64(21), 4387.

Khan YA, et al. (2024) Sec18 side-loading is essential for universal SNARE recycling across cellular contexts. *bioRxiv : the preprint server for biology*.

Evans AK, et al. (2024) Impact of high-fat diet on cognitive behavior and central and systemic inflammation with aging and sex differences in mice. *Brain, behavior, and immunity*, 118, 334.

Ferrel A, et al. (2023) Host MOSPD2 enrichment at the parasitophorous vacuole membrane varies between *Toxoplasma* strains and involves complex interactions.

mSphere, 8(4), e0067022.

Alvarez-Buylla A, et al. (2023) Binding and sequestration of poison frog alkaloids by a plasma globulin. eLife, 12.

Bowen ER, et al. (2023) Beta-2 adrenergic receptor agonism alters astrocyte phagocytic activity and has potential applications to psychiatric disease. Discover mental health, 3(1), 27.