Resource Summary Report

Generated by ASWG on Aug 4, 2026

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 Tribrid 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: 20260801T190724+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 ASWG .

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.

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.

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) 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.