

Resource Summary Report

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Thermo Orbitrap Eclipse nanoLC/MS system

RRID:SCR_022212

Type: Tool

Proper Citation

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

Resource Information

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

Proper Citation: Thermo 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

Resource Name: Thermo Orbitrap Eclipse nanoLC/MS system

Resource ID: SCR_022212

Record Creation Time: 20220429T050129+0000

Record Last Update: 20250420T015140+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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*.

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.