Resource Summary Report

Generated by RRID on Aug 5, 2026

Thermo Fisher: Orbitrap Fusion Lumos Tribrid Mass Spectrometer

RRID:SCR_020562
Type: Tool

Proper Citation

Thermo Fisher: Orbitrap Fusion Lumos Tribrid Mass Spectrometer (RRID:SCR_020562)

Resource Information

URL: https://www.thermofisher.com/order/catalog/product/SOT01-10000?SID=srch-srp-SOT01-10000#/SOT01-10000?SID=srch-srp-SOT01-1000

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Description: Spectrometer performs analysis including low level PTM analysis, multiplexed relative quantitation using isobaric tags, intact protein characterization, and MSn analysis of small molecules. System incorporates the brightest ion source, segmented quadrupole mass filter with improved selectivity and ion transmission, Advanced Vacuum Technology, and ETD HD.

Resource Type: instrument resource

Keywords: Thermo Scientific, Mass Spectrometer, Instrument, Equipment, USEDit,

Availability: Commercially available

Resource Name: Thermo Fisher: Orbitrap Fusion Lumos Tribrid Mass Spectrometer

Resource ID: SCR_020562

Alternate IDs: Model_Number_C1200

Record Creation Time: 20220129T080350+0000

Record Last Update: 20260801T190650+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Orbitrap Fusion Lumos Tribrid Mass Spectrometer.

No alerts have been found for Thermo Fisher: Orbitrap Fusion Lumos Tribrid Mass Spectrometer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Gonzalez-Lozano MA, et al. (2025) EndoMAP.v1 charts the structural landscape of human early endosome complexes. Nature, 643(8070), 252.

Solivais AJ, et al. (2025) Improved Detection of Differentially Abundant Proteins through FDR-Control of Peptide-Identity-Propagation. Journal of proteome research, 24(9), 4437.

Christ R, et al. (2025) Inhibition of tumour necrosis factor alpha by Etanercept attenuates Shiga toxin-induced brain pathology. Journal of neuroinflammation, 22(1), 33.

Savani MR, et al. (2025) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. bioRxiv : the preprint server for biology.

Abdullah KG, et al. (2025) Gliomas phenocopy an inborn error of metabolism to drive neuronal activity and tumor growth. bioRxiv : the preprint server for biology.

Zhang T, et al. (2024) Comparison of Shared Class I HLA-bound Non-canonical Neoepitopes between Normal and Neoplastic Tissues of Pancreatic Adenocarcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research.

Badja C, et al. (2024) Insights from multi-omic modeling of neurodegeneration in xeroderma pigmentosum using an induced pluripotent stem cell system. Cell reports, 43(6), 114243.

Brock K, et al. (2024) A comparative analysis of paxillin and Hic-5 proximity interactomes. Cytoskeleton (Hoboken, N.J.).

Kraus F, et al. (2023) PARK15/FBXO7 is dispensable for PINK1/Parkin mitophagy in iNeurons and HeLa cell systems. EMBO reports, 24(8), e56399.

El Kaoutari A, et al. (2023) Pancreatic ductal adenocarcinoma ubiquitination profiling reveals specific prognostic and theranostic markers. EBioMedicine, 92, 104634.

Ling Z, et al. (2023) Newly synthesized glycoprotein profiling to identify molecular signatures of warm ischemic injury in donor lungs. American journal of physiology. Lung cellular and molecular physiology, 325(1), L30.

Santana-Codina N, et al. (2022) NCOA4-Mediated Ferritinophagy Is a Pancreatic Cancer Dependency via Maintenance of Iron Bioavailability for Iron-Sulfur Cluster Proteins. Cancer discovery, 12(9), 2180.

Huang HC, et al. (2021) Targeting conserved N-glycosylation blocks SARS-CoV-2 variant infection in vitro. EBioMedicine, 74, 103712.

Mulcahy MJ, et al. (2021) Protein profiling in the habenula after chronic (-)-menthol exposure in mice. Journal of neurochemistry, 158(6), 1345.