

# Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

## Thermo Fisher: QE-HFX mass spectrometer

RRID:SCR\_018703

Type: Tool

### Proper Citation

Thermo Fisher: QE-HFX mass spectrometer (RRID:SCR\_018703)

### Resource Information

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

**Proper Citation:** Thermo Fisher: QE-HFX mass spectrometer (RRID:SCR\_018703)

**Description:** HFX offers scanning rate to improve proteomic depth for discovery applications. Integrates well with targeted applications such as parallel reaction monitoring. Mass Spectrometer to identify and quantify proteins, peptides, lipids, glycans and small molecules accurately.

**Synonyms:** Thermo QE-HFX, Q Exactive HF Hybrid Quadrupole-Orbitrap Mass Spectrometer

**Resource Type:** instrument resource

**Keywords:** Thermo Scientific, Mass Spectrometer, small molecules identification, small molecules quantification, Instrument, Equipment, USEDit

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_018703.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018703.pdf)

**Resource Name:** Thermo Fisher: QE-HFX mass spectrometer

**Resource ID:** SCR\_018703

**Alternate IDs:** Model\_Number\_QE-HFX

**Alternate URLs:** <https://assets.thermofisher.com/TFS-Assets/CMD/Specification-Sheets/PS-64048-LC-MS-Q-Exactive-HF-Orbitrap-PS64048-EN.pdf>

**Old URLs:**

<https://www.thermofisher.com/order/catalog/product/IQLAAEGAAPFALGMBFZ#/IQLAAEGAAPFALC>

**Record Creation Time:** 20220129T080341+0000

**Record Last Update:** 20260808T190117+0000

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## Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: QE-HFX mass spectrometer.

No alerts have been found for Thermo Fisher: QE-HFX mass spectrometer.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [SPARC SAWG](#) .

Liu Q, et al. (2026) Structure and ligand specificity of *Borrelia burgdorferi* BmpA. bioRxiv : the preprint server for biology.

Liu Q, et al. (2026) Structural basis for selective thymidine binding by the *Borrelia burgdorferi* substrate-binding protein BmpA. The Journal of biological chemistry, 302(7), 113206.

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.

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

Klein JA, et al. (2024) Pathogenic diversification of the gut commensal *Providencia alcalifaciens* via acquisition of a second type III secretion system. Infection and immunity, 92(10), e0031424.

Tal MC, et al. (2024) P66 is a bacterial mimic of CD47 that binds the anti-phagocytic receptor SIRP?? and facilitates macrophage evasion by *Borrelia burgdorferi*. bioRxiv : the preprint server for biology.

Kim S, et al. (2024) DNA-guided transcription factor cooperativity shapes face and limb mesenchyme. Cell, 187(3), 692.

Kim S, et al. (2023) DNA-guided transcription factor cooperativity shapes face and limb mesenchyme. bioRxiv : the preprint server for biology.

Rosenberg AM, et al. (2021) Quantitative mapping of human hair greying and reversal in relation to life stress. eLife, 10.

Niedzwiecki MM, et al. (2020) High-resolution metabolomic profiling of Alzheimer's disease in plasma. Annals of clinical and translational neurology, 7(1), 36.

Selli C, et al. (2019) Molecular changes during extended neoadjuvant letrozole treatment of breast cancer: distinguishing acquired resistance from dormant tumours. *Breast cancer research : BCR*, 21(1), 2.