

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 24, 2026

LTQ-Orbitrap Fusion Tribrid Mass Spectrometer

RRID:SCR_014992

Type: Tool

Proper Citation

LTQ-Orbitrap Fusion Tribrid Mass Spectrometer (RRID:SCR_014992)

Resource Information

URL: <https://www.thermofisher.com/order/catalog/product/IQLAAEGAAPFADBMBXCX>

Proper Citation: LTQ-Orbitrap Fusion Tribrid Mass Spectrometer (RRID:SCR_014992)

Description: Mass spectrometer that combines quadrupole, ion trap, and Orbitrap mass analysis.

Synonyms: Orbitrap Fusion Tribrid Mass Spectrometer

Keywords: mass spectrometer, quadrupole, ion trap, orbitrap, thermofisher scientific, proteomic, compound

Availability: Available for purchase, Commercially available

Resource Name: LTQ-Orbitrap Fusion Tribrid Mass Spectrometer

Resource ID: SCR_014992

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260815T182512+0000

Ratings and Alerts

No rating or validation information has been found for LTQ-Orbitrap Fusion Tribrid Mass Spectrometer.

No alerts have been found for LTQ-Orbitrap Fusion Tribrid Mass Spectrometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Tang J, et al. (2025) CD44 identified as a diagnostic biomarker for highly malignant CA19-9 negative pancreatic cancer. *Cancer letters*, 622, 217713.

Zhang J, et al. (2018) Chemical Analysis and Multi-Component Determination in Chinese Medicine Preparation Bupi Yishen Formula Using Ultra-High Performance Liquid Chromatography With Linear Ion Trap-Orbitrap Mass Spectrometry and Triple-Quadrupole Tandem Mass Spectrometry. *Frontiers in pharmacology*, 9, 568.

Al-Hasani R, et al. (2018) In vivo detection of optically-evoked opioid peptide release. *eLife*, 7.

Bonner J, et al. (2017) Photoelectron Transfer Dissociation Reveals Surprising Favorability of Zwitterionic States in Large Gaseous Peptides and Proteins. *Journal of the American Chemical Society*, 139(30), 10286.

Hanamura K, et al. (2017) Extracellular phosphorylation of a receptor tyrosine kinase controls synaptic localization of NMDA receptors and regulates pathological pain. *PLoS biology*, 15(7), e2002457.

Kole K, et al. (2017) Proteomic landscape of the primary somatosensory cortex upon sensory deprivation. *GigaScience*, 6(10), 1.

Martin JC, et al. (2015) Can we trust untargeted metabolomics? Results of the metabolizing initiative, a large-scale, multi-instrument inter-laboratory study. *Metabolomics : Official journal of the Metabolomic Society*, 11(4), 807.

Sigdel TK, et al. (2014) Perturbations in the urinary exosome in transplant rejection. *Frontiers in medicine*, 1, 57.

Sigdel TK, et al. (2014) Optimization for peptide sample preparation for urine peptidomics. *Clinical proteomics*, 11(1), 7.