Resource Summary Report

Generated by T1D on Aug 10, 2026

Bruker: timsTOF SCP mass spectrometer

RRID:SCR_026542
Type: Tool

Proper Citation

Bruker: timsTOF SCP mass spectrometer (RRID:SCR_026542)

Resource Information

URL: https://www.bruker.com/content/bruker/int/en/products-and-solutions/mass-spectrometry/timstof/timstof-scp.html

Proper Citation: Bruker: timsTOF SCP mass spectrometer (RRID:SCR_026542)

Description: The timsTOF SCP (single-cell proteomics) is mass spectrometer from Bruker. Ultra-high sensitivity instrument for quantitative single cell biology research with unbiased, deep single-cell 4D-Proteomics, immunopeptidomics, epiproteomics and PTM analysis. It features an additional separation in the tims cell where ions get separated according to their ion mobility, leading to collision cross-section values.Allows the analysis of hundreds of samples with minimal sample load (200 ng) at sequencing speeds exceeding 100 Hz.

Synonyms: Bruker timsTOF SCP, timsTOF SCP

Resource Type: instrument resource

Keywords: single-cell proteomics, ultra-high sensitivity mass spectrometer, single-cell 4D-Proteomics, immunopeptidomics, epiproteomics, PTM analysis,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_026542.pdf

Resource Name: Bruker: timsTOF SCP mass spectrometer

Resource ID: SCR_026542

Alternate IDs: Model_Number_timsTOF_SCP

Record Creation Time: 20250307T060316+0000

Record Last Update: 20260808T190747+0000

Ratings and Alerts

No rating or validation information has been found for Bruker: timsTOF SCP mass spectrometer.

No alerts have been found for Bruker: timsTOF SCP mass spectrometer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. Cell, 189(6), 1656.