

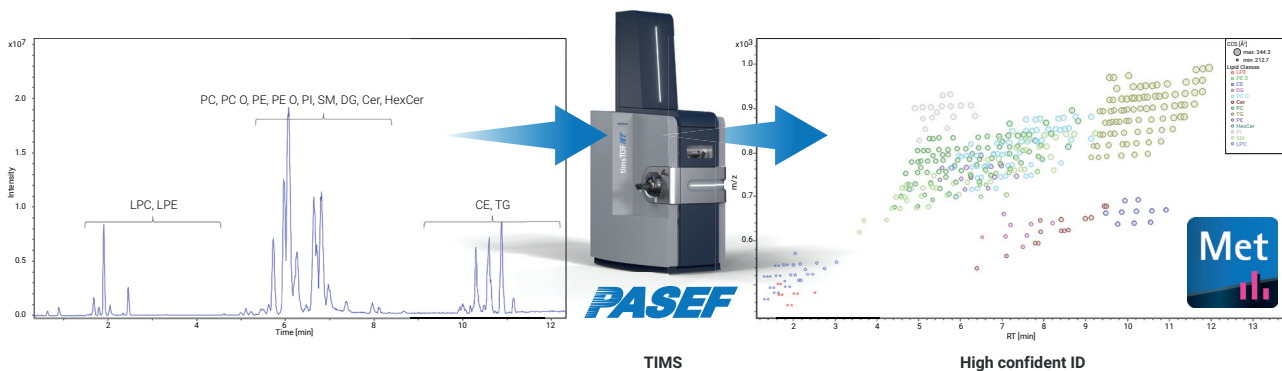


Bio-LP columns

For high confidence 4D-Lipidomics workflows

The bonded C8 phase allows excellent retention and separation of a broad range of lipid species found in biofluids and tissue extracts, while also enabling their clean elution from the column with a lower proportion of highly viscous solvent (requiring

50% isopropanol versus the 90% formulation conventionally used for C18-based reversed-phase lipid separations). Together with a lower overall system pressure, these benefits yield higher peak capacity separations with greater reliability for precision lipid profiling.



Unlock the secrets of the lipidome with Bruker Bio-LP columns, offering fast, high-capacity separations of lipid classes in complex matrices. Coupled with PASEF technology, it ensures high sensitivity and robustness, while its low system pressure guarantees reliable performance.

Product features:

- **Bruker Bio-LP columns** provide **fast and high-capacity** separations of relevant lipid classes in complex matrices for **improved lipidome coverage**.
- With **PASEF technology**, even the smallest LC peaks reveal their secrets—delivering high sensitivity, robustness, and an extra dimension of separation for improved peak capacity.
- **Simplified data analysis** owing to improved chromatographic peak shapes, peak resolutions and reproducible retention times leads to higher confidence in lipid annotations.
- **Low system pressure for reliable performance**.

Column Name	Material-#	Length [mm]	Stationary phase	Aqueous Compatibility [%]
Bruker Bio-LP Ultra Fast	1901682	20	C8 Phase	up to 95
Bruker Bio-LP High Throughput	1901681	50	C8 Phase	up to 95
Bruker Bio-LP Standard	1901678	100	C8 Phase	up to 95
Bruker Bio-LP Deep Phenotyping	1901676	150	C8 Phase	up to 95
Bruker Bio-LP Guard Column	1901677	3 cartridges	C8 Phase	up to 95
Guard column holder	1901672	n .a.	n .a.	n .a.

For Research Use Only. Not for use in clinical diagnostic procedures.

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Consumables

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