

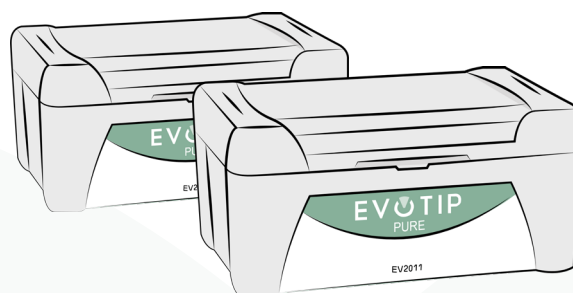
EVOTIP

Evotip Pure

Better chromatography with Evotip Pure

Evotip Pure™ is a new generation Evotip developed for high performance. To ensure quality, we have internalized and refined all critical manufacturing and carefully chosen the chemistry. The design of Evotip Pure is based on five years of customer feedback added to a thorough review of every single aspect of the Evotip.

The new Evotip Pure will not only provide much better chromatographic performance but also ensure improved results and consistency over time. The improved peak definition and peak width will significantly increase peak capacity and ultimately lead to better performance.



The new Evotips will give you more efficient sample binding, significantly improved sensitivity at low loads and visibly sharper and more symmetric peaks at all loads. Retention times are identical +/- 1 second using the 60 SPD method. The improved chromatographic performance is high-lighted below where sharper and more symmetric peaks leads to significantly improved peak capacity.

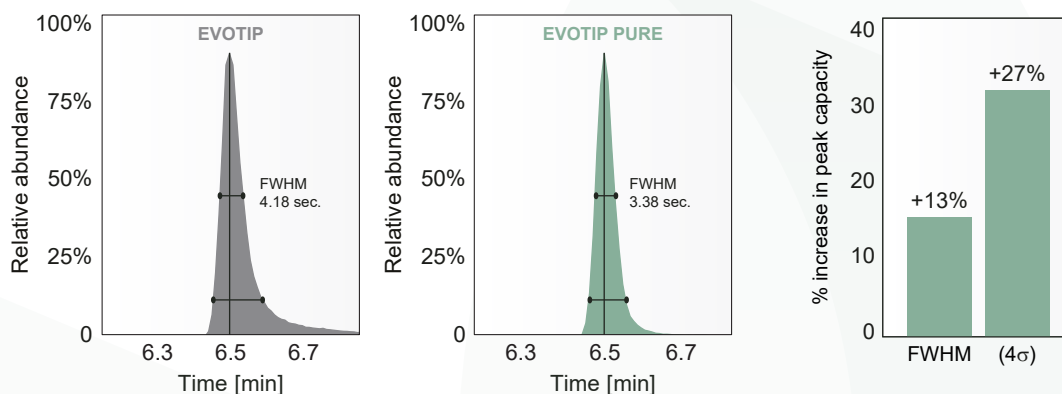


Figure 1: Extracted base peak chromatogram of BSA peptide m/z 582 using 100 SPD. Relative increase in peak capacity calculated at FWHM and 4σ compared to the old Evotips.

Significantly improved proteome coverage with emphasis on low loads

We compared the new Evotip Pure to the old Evotip using different HeLa peptide loads with the 30, 100 and 300 SPD methods and analyzed them on a Bruker timsTOF Pro 2 mass spectrometer in PASEF mode. A significant increase in peptide identifications with the Evotip Pure is observed for all sample loads, but most pronounced at low sample loads. This enables deeper proteome coverage, with lower CVs, making them the ideal choice when analyzing low sample amounts, e.g. single cell analysis powered by Whisper™ Flow Technology.

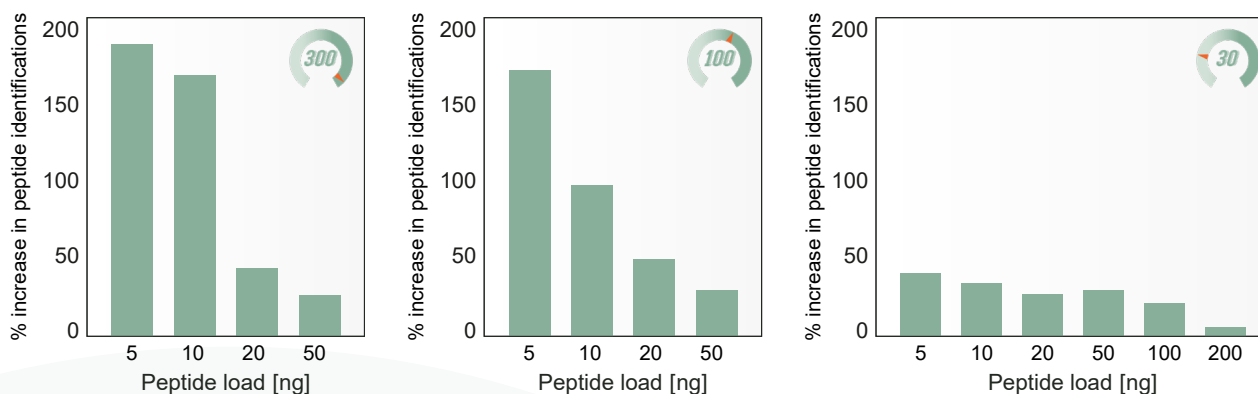


Figure 2: Relative increase in IDs with the Evotip Pure compared to the old Evotip using the 300, 100 and 30 SPD methods.



Ordering information

P/N	PART	DESCRIPTION
EV2011	Evotip Pure, 1x96 tips	One 96-tip rack of disposable, desalting C18 trap columns.
EV2013	Evotip Pure, 10x96 tips	Ten 96-tip racks of disposable, desalting C18 trap columns.
EV2015	Evotip Pure, 50x96 tips	Fifty 96-tip racks of disposable, desalting C18 trap columns.
EV2018	Evotip Pure, 100x96 tips	Hundred 96-tip racks of disposable, desalting C18 trap columns.