

Narrow Bore vs. Standard Bore Separation of Polypeptides

- Application
- Technical
- **Robert Ricker**



Sample=2.1µl

Sample=10µl

Highlights

- The smaller column diameter of narrow vs. standard bore, requires only 20% the mobile phase, and only 1/3* of the standard sample-volume, for work under sample-limited conditions.
- To retain optimal efficiency when using narrow-bore columns, extracolumn volume must be minimized. Here, the standard, 14µl, flow cell was replaced with a 4µl cell. *Detection is reduced 1.6-fold by the smaller pathlength.



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