

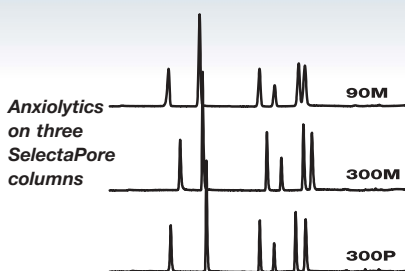


## HPLC COLUMNS AND BULK MEDIA

Twenty-nine years ago Kervin Harrison, a chemist with experience in chromatography, went to vacation at a family cabin in the high desert of California. With free time, and still thinking about chromatography, he began tinkering with ways to make better chromatographic adsorbents. Kervin never went home. Instead, he started Vydac and became one of the first commercial producers of high-performance chromatographic silica, the foundation of today's HPLC column technology. Kervin also never stopped innovating. His high-purity synthetic silica, manufactured from purified organosilicates rather than natural silica sol, was the first HPLC silica to be made that way. This reduced contaminants, especially metal ions, and made separations more predictable and reproducible. Highly stable polymeric reversed phases on Vydac's **300 Å pore-size TP silica** grew up with molecular biology and became the standard and most widely used adsorbents for reversed-phase analysis and purification of macromolecules – **proteins, natural and synthetic peptides, oligonucleotides**. Today at Vydac's modern research and production facility in Hesperia, California, the spirit of innovation continues. With chemically and physically tough wide-pore polymer adsorbents, a new generation of super-pure silicas, and high-volume production capacity, Vydac serves the advancing needs of both analytical and production chromatographers.

### Pharmaceutical Analyses Benefit from SelectaPore™ Reversed Phases

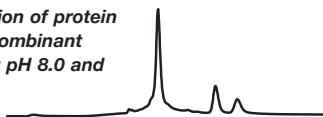
SelectaPore columns optimize separations and improve chances of discovering unanticipated contaminants at an early stage in pharmaceutical development.



### Chemical-Resistant Polymer Reversed Phase for Proteins & Peptides

Vydac's 259VHP 300 Å PS-DVB based adsorbent is now available in particle diameters for preparative applications.

*Purification of protein from recombinant fusion at pH 8.0 and 60°C*



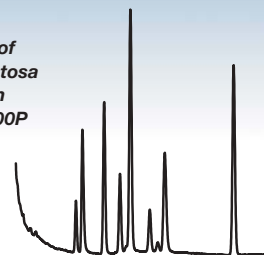
### Special Columns for LC/MS

Vydac LC/MS reversed-phase columns employ a proprietary silica treatment to reduce the TFA requirement and permit LC/MS analyses without elaborate post-column procedures.

### Natural Products

SelectaPore reversed-phase columns provide exceptional resolution for natural product analyses and isolations.

*Crude extract of Uncaria tomentosa (Cat's Claw) on SelectaPore 300P*



### Bulk Adsorbents for Prep & Process

Vydac preparative reversed-phase adsorbents are used in the production of several FDA-approved biopharmaceutical products. Preparative adsorbents are available in bulk quantities from one kilogram to hundreds of kilograms for process separations. Regulatory support data can be provided for GMP applications.

### New 2000-2001 Vydac Catalog

The 2000-2001 edition of Vydac's catalog is available. For information on products described in this advertisement and many more, please contact Vydac and request a copy.

### [www.vydac.com](http://www.vydac.com)

Vydac's comprehensive website includes current information about Vydac products and downloadable Vydac publications including the Vydac catalog.

"Vydac" and "SelectaPore" are trademarks of The Separations Group, Inc.



Vydac/The Separations Group, Inc. · 17434 Mojave Street · Hesperia, California 92345 · USA  
Tel: (760) 244-6107 · Toll-Free: (800) 247-0924 · Fax: (760) 244-1984 · Email: [experts@vydac.com](mailto:experts@vydac.com) · Web: <http://www.vydac.com>

**"An independent manufacturer of HPLC columns and bulk media since 1971"**