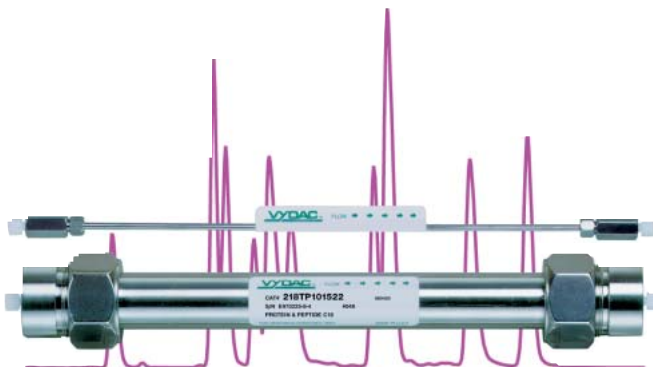




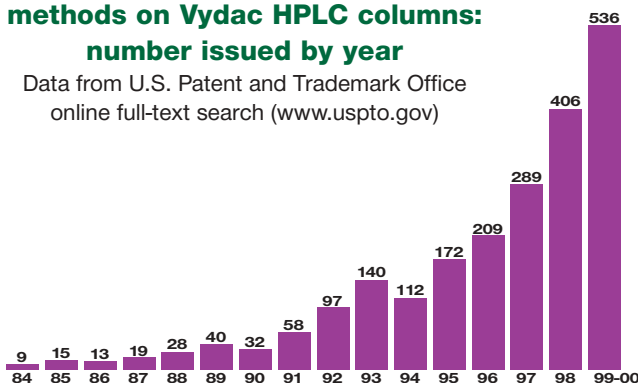
HPLC SEPARATIONS FOR BIOPHARMACEUTICALS

In the early 1980s Vydac introduced the first 300 Å reversed-phase HPLC columns based on high-purity synthetic silica. Since then, more than two thousand patents issued in the U.S. have included separation methods referencing Vydac columns. We believe this to be more column methodology citations than almost any other HPLC manufacturer. It reflects the significant contribution that Vydac HPLC columns are making to advanced biopharmaceutical development. Manufactured at our modern research and production facility in Hesperia, California, Vydac columns offer superior performance and reproducibility for separations of peptides, proteins, oligonucleotides, and small-molecule pharmaceuticals.



U.S. Patents including separation methods on Vydac HPLC columns: number issued by year

Data from U.S. Patent and Trademark Office
online full-text search (www.uspto.gov)



- **Vydac bulk adsorbents are used in production of a number of FDA approved biopharmaceuticals.** Bulk media available in quantities from one to hundreds of kilograms.
- **Vydac can provide regulatory support data for GMP applications.**
- **Vydac ships virtually all analytical-size columns and many preparative-size columns the same day we receive your order.**
- **Live customer service and technical support available via telephone, email and on-site.**

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