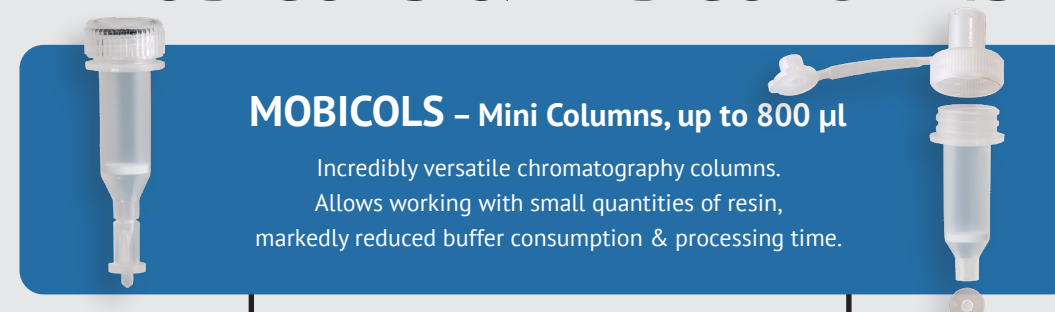


BENEFITS

- Simple and intuitive purification systems for proteins, antibodies, carbohydrates, nucleic acids & more
- From microgram to multiple gram range
- Providing speed, quality, and versatility in research and lab-scale process development
- Increasing efficiency in method development
- Reduction of processing times
- Minimization of error sources

QUICK ACCESS:

MOBICOLS & LAB COLUMNS



UNLIMITED USE (see references)

Tandem affinity purification • Lanthanide separation • Collecting of insect haemocytes • Desalting of peptides before mass spectrometry analysis • Immobilization of carbohydrates • Identification of RNA aptamers • Isolation of different RNA types • PCR product purification before amplicon sequencing • Microscale immunoprecipitation • Whole-mount in situ hybridization • Extraction of Sialic-acid-containing Glycans and Glycopeptides using Serotonin-bonded silica • Isolation of proteins from polyacrylamide gels • Purification of nuclear signal proteins • Protein/peptide enrichment • In vitro pull-down assays for studying protein interactions • Embryonic immunostaining • Desalting of carbohydrates • Immobilization of small molecule drugs • Drug-affinity chromatography • etc.

Empty Mobicols

Mini columns can be packed with a variety of chromatographic media.
Simply fill in the matrix of choice and create your own purification system.

Applications

- Clean-Up of proteins, antibodies, nucleic acids & more
- Useful for size exclusion, affinity, or ion exchange chromatography
- Featured by a wide range of accessories to customize the columns to specific needs

Mobicol Gravi

Gravity-Flow Columns

Luer-Lock fittings enable connection to many chromatography systems or Luer-Lock syringes; procedure extremely robust, adjustments can be made during the run.

Classic Variant

Bottom plug: separate and manually insertable plug at the outlet (e.g., #M1002).

Fixed-Type

Fixed snap-off plug (leak-proof at varying pressures), reverse side can be used for reclosing (e.g., #M1050).

Mobicol Spin

Spin Columns

Rapid purification by centrifugation; easy handling: load sample, spin, and collect the purified product. Works with standard microcentrifuge.

Classic Variant

Bottom plug: separate and manually insertable plug at the outlet (e.g., #M1003).

Fixed-Type

Fixed snap-off plug (leak-proof at varying pressures), reverse side can be used for reclosing (e.g., #M1053).

LAB COLUMNS – Empty Chromatography Columns

Easy-to-handle gravity-flow columns.
Compatible with any chromatography resin.
Syringe-based columns with Luer-Lock connections at both ends.
Come with lower filters with 10 µm, 35 µm, or 90 µm pore size.

Applications

- Affinity chromatography
- Size exclusion chromatography
- Ion exchange chromatography
- E.g., purification of recombinant proteins or plasmid clean-up

Column Sets

Mobicol (up to 800 µl)
2.5 ml Lab Columns
5 ml Lab Columns
10 ml Lab Columns

Pre-Filled Mobicols

Mini chromatography cartridges pre-packed with different resins for separation and purification of various biomolecules
Ready-to-use • Fast procedure • No sample dilution

Mobicol Spin S

Fast and reproducible purification of nucleic acids, proteins, polysaccharides, and other macromolecules by size exclusion chromatography.

Applications

- Nucleotide removal
- Plasmid & PCR reaction purification
- Removal of unincorporated dyes
- Purification of virus RNA

Mobicol Spin G

Includes proven gel filtration resin. Quickly desalts, removes contaminants, and transfers to a new buffer in a single step.

Applications

- Buffer exchange
- Nucleotide removal
- Removal of dye terminators
- Detachment of labeling tags

Mobicol Spin Desalting

Well-tries silica matrix separates molecules by size exclusion chromatography. Confident handling: silica resins are allowed to fall dry without any loss in purification efficiency. Improved recovery of small-sized nucleic acid fragments.

Applications

- Purification of nucleic acids from small contaminants
- Desalting and buffer exchange, especially of small-sized nucleic fragments and dNTPs

Mobicol Spin Ni-IDA

Protein purification by affinity chromatography. Improved target specificity by optimized silica-based Ni²⁺-IDA matrix. Eliminates almost all non-specific interactions of contaminating host proteins with the adsorbent.

Applications

- Purification of recombinant polyhistidine-tagged proteins
- Suitable for small proteins, large protein complexes, proteins with low expression rates

Customized Services

Custom Filling:
Mini Columns packed with the matrix of your choice.
Outsource labor-intensive steps!

Applications

- Life Science Research
- Analytics Services
- Food Research

