

How To eXtract

Sample Preparation Made Easy.

Nucleic Acid Extraction/Enabling Technologies



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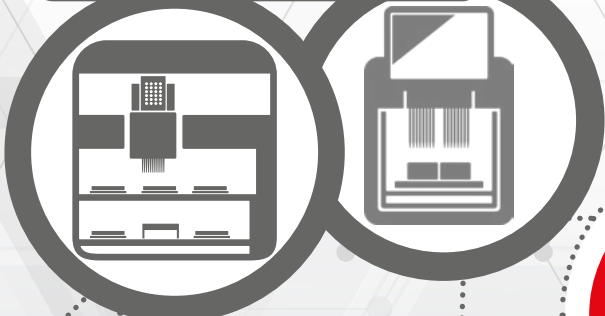
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Subjects to changes in design and scope of delivery as well as further technical development!

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Our Customer Focused Solutions For You

How To eXtract



Rapid and optimized purification of DNA and/or RNA from a variety of starting materials

- More efficient thanks to patented extraction chemistry (DC-Technology)
- Maximum time savings due to optimized processes and minimization of handling steps
- RNA extraction without highly toxic β -mercaptoethanol
- Innovative solutions also for specific applications (e.g. cell-free DNA, processing of highly processed samples, etc.)



Spin Filter

The standard in automated extraction of DNA and/or RNA

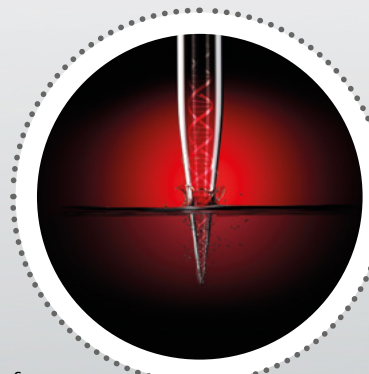
- Offers all the benefits of a patented DC-Technology
- Fully automated processes available
- Special magnetic beads with innovative coating prevent clumping and excessive carry over of magnetic particles



Magnetic particles

The best of both worlds - DC-Technology as basis for SmartExtraction

- Highly simplified extraction of high-molecular-weight DNA
- Easy to automate
- Scalable: for small, medium and high sample throughputs
- Optimized for large elution volumes
- Smart Modified Surfaces enable high yields
- Also for manual extraction with reduced use of laboratory equipment



Smart Extraction

Manual extraction



The solution for low throughput

- Proven extraction based on Spin Filter columns
- Manual magnetic particle separation for selected custom applications
- SmartExtraction application for isolation of high-molecular-weight nucleic acids

The solution for medium sample throughput

- Flexible extraction of DNA and/or RNA from up to 16 samples in parallel
- Optimized ready-to-use kits for a variety of starting materials
- One platform - two technologies: SmartExtraction or Magnetic particle based extraction
- Modern touch screen application with intuitive software and the possibility for an extensive documentation of the extraction



Automated extraction

The solution for high throughput applications

- Easy extraction of DNA and/or RNA from up to 96 samples in parallel
- Optimized, pre-installed protocols for quick integration into the laboratory workflow
- One platform - two technologies: SmartExtraction or Magnetic Particle Based Extraction
- High flexibility: Liquid handler can be used for the integration of user-specific routines (e.g. PCR or qPCR preparation, dilutions etc.)

