

# Comprehensive solutions for high efficient nucleic acid isolation

- State-of-the-art isolation of DNA/RNA - manual and automated
- Special kits for usage of homogenizers
- Universal extraction chemistry: everything for Spin Filter technology and magnetic particle separation



**Not all kits**  
are the same...

# Isolation kits for nucleic acids

## Manual or automatized preparation



The business unit Life Science of Analytik Jena stands for an unrivaled offer with regards to quality and variety on nucleic acid isolation kits. Whether the starting samples should be treated manually or automatized: here you will find appropriate products for fast and reliable results - not for nothing countless laboratories worldwide trust in our established kits. The product portfolio will be completed by a wide choice of patented extraction chemistry: for Spin Filter based isolation of DNA and/or RNA, as well as for usage of magnetic particles.

### One purchase decision - plenty of advantages Analytik Jena's kits convince by:

- ✓ easy isolation of DNA/RNA from all samples
- ✓ high yields from different materials
- ✓ highest sensitivity and reproducibility
- ✓ time-saving procedures
- ✓ convenient handling
- ✓ successful downstream applications

### innuPREP Kits Standardized nucleic acid purification

- 100 % reliable Spin Filter technology
- Extraction and purification systems for universal use
- DNA/RNA isolation, PCR-cleanup and plasmid extraction
- Special solutions for all materials: tissues, whole blood, cells, buccal swabs, forensic samples, plant, bacteria, viruses, fecal samples...



### blackPREP Kits Extraction kits for complex starting materials

- State-of-the-art isolation of DNA and/or RNA
- Specially optimized for each particular starting sample
- Excellent quality and yield
- Simplified and optimized protocols for e.g. rodent tails, swabs, food, powder, spores...

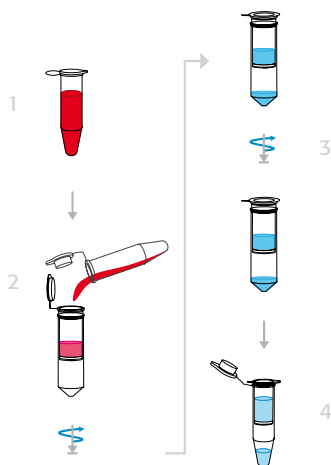


### innuSPEED Kits Nucleic acid isolation using a homogenizer

- Specific Lysis Tubes with application-optimized beads
- Mechanical crushing of various starting materials
- Homogenization and lysis take place in the same Lysis Tube
- Ready-to-use kits contain all reagents & consumables
- DNA/RNA-preparation within 20 to 30 minutes

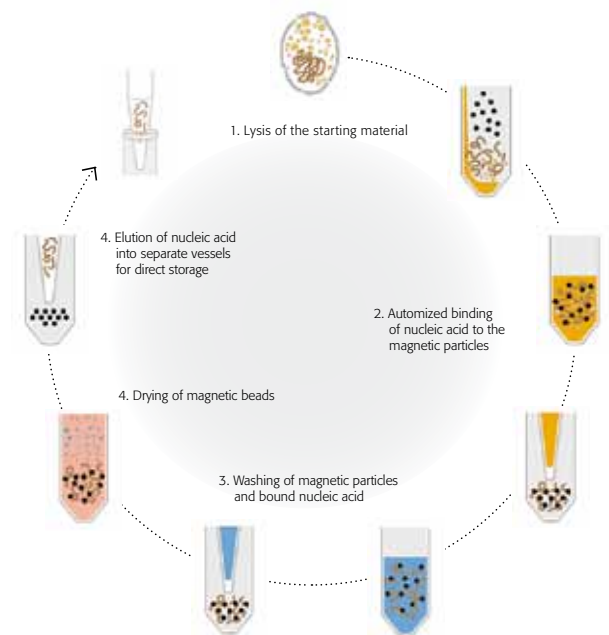
### innuPREP Kits – IP (InnuPure®) Perfect results - excited users Automatized nucleic acid isolation with kits for InnuPure® systems

- Qualitative and quantitative the measure of things
- Extremely high yield and exact results
- Convenient and time-saving: Minimizing of manual working steps
- Suitable for highly sophisticated applications
- Efficient operation – processing of single samples up to 16/96 samples in parallel
- Accurately fitting: optimized kits for special tasks
- Contamination-free procedure: prefilled and sealed reagent plastic



▲ Nucleic acid isolation using Spin Filters

- Procedure:**
1. Homogenization and/or lysis of the starting material
  2. Binding of nucleic acid to the Spin Filter
  3. Washing of bound nucleic acid
  4. Elution of nucleic acid



▲ Procedure of nucleic acid isolation based on separation by magnetic particles

