

MANUAL DNA EXTRACTION

innuPREP Plasmid Midi Kit (endotoxin-free)

(Art. No. 845-KS-5043010)

- Increased efficiency for low- and high-copy plasmid DNA purification
- Efficient endotoxin removal procedure with DNA precipitation
- Sample size: up to 100 ml of bacteria culture

innuPREP SE Blood&Eukaryotic Cells UHMW DNA Kit (m)

(Art. No. 845-KS-8101010/050)

- Optimized protocol for the extraction of ultra high-molecular-weight DNA (>200-500 kb)
- Reliable performance on long-read systems e.g. Oxford Nanopore Technologies

innuPREP SE HMW DNA Kit (m)

(Art. No. 845-KS-8001010/050)

- Optimized protocol for the extraction of high-molecular-weight DNA (up to 200 kb)
- Reliable performance on long-read systems e.g. Oxford Nanopore Technologies

NEW TECHNOLOGY: TARGET CONCENTRATION...

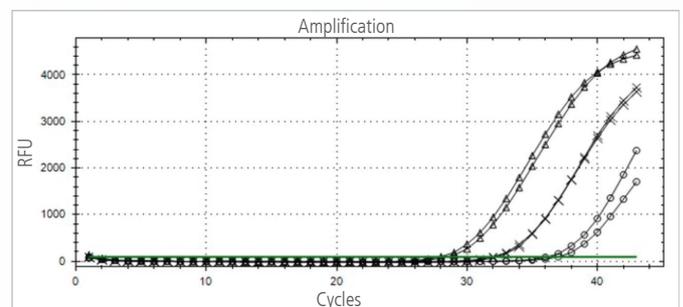
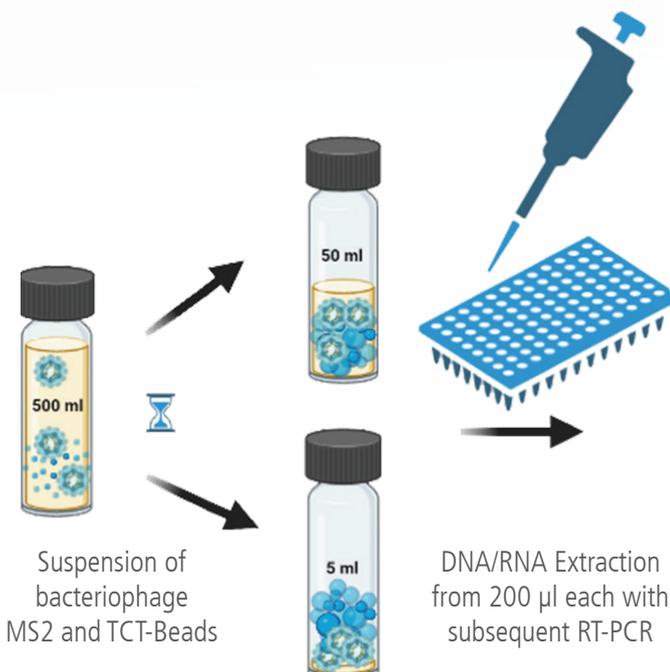
...based on a novel and patent-pending technology that allows for biomolecules (cells, bacteria, viruses, bacteriophages, algae, free nucleic acids, proteins) contained in liquid samples to be concentrated preparing them for various analysis methods requiring small sample sizes.

innuPREP TCT Sewage Water Viral DNA/RNA Extraction Kit (Art. No. 845-TC-0010010/050)

- Designed especially for the concentration and extraction of DNA and RNA from viruses, bacteriophages or free-circulating nucleic acids from sewage water of different starting volumes (100 ml - 500 ml)

innuPREP TCT Target Concentration Kit Water (Art. No. 845-TC-0020010/050)

- Specifically developed for the concentration of biomolecules like free-circulating DNA and RNA, viruses, bacteriophages, bacteria, protozoa, bacteria and algae from water samples
- Fresh water of different origins such as drinking water, surface water, process water, pool water, aquarium water of different starting volumes (1 ml - 1000 ml)



Sample	Symbol	Ct-Value	Concentration Factor
500 ml	○	35.93 / 36.73	Original
50 ml	△	31.72 / 32.07	10
5 ml	□	28.23 / 27.68	100

AUTOMATED HMW DNA EXTRACTION ON KINGFISHER™ FLEX

WORLD'S
FIRST!

World Innovation: The new automated HMW DNA Extraction on KingFisher™ Flex (96) without magnetic particles.

innuPREP SE Blood & Eukaryotic Cells UHMW DNA Kit - KFFLX (Art. No. 845-KF-4096096/480)

- Automated workflow (external erythrocyte lysis) for the extraction of ultra high-molecular-weight DNA (>200 kb)
- Optimized for samples from up to 5 ml whole blood and eukaryotic cells pellets

innuPREP SE Blood direct HMW DNA Kit - KFFLX (Art. No. 845-KF-4196096/480)

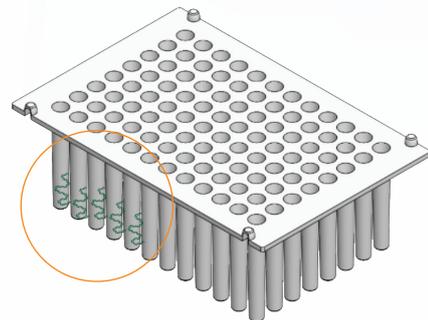
- Completely automated workflow for the extraction of high-molecular-weight DNA (~100 kb)
- Optimized for samples from up to 200 µl whole blood

innuPREP SE HMW DNA Kit - KFFLX (Art. No. 845-KF-4296096/480)

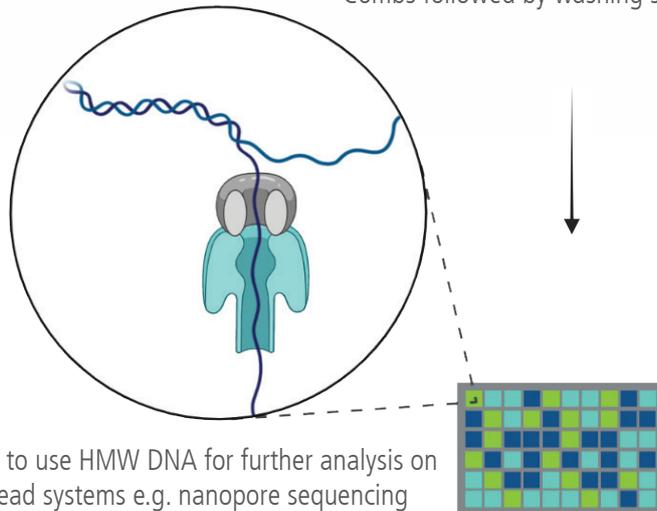
- Completely automated workflow for the extraction of high-molecular-weight DNA (~100 kb)
- Optimized for samples such as mouse tails or other tissues



Extraction with KingFisherFlex and Smart Modified Tip Combs



DNA binds directly to the Smart Modified Tip Combs followed by washing steps and elution



Ready to use HMW DNA for further analysis on long read systems e.g. nanopore sequencing

REVISED AND IMPROVED PERFORMANCE

innuPREP DNA Mini Kit 2.0

(Art. No. 845-KS-1042010/050/250)

Optimized standard protocols and additional protocol for DNA extraction from whole blood available

innuPREP AniPath DNA/RNA Kit 2.0 - KFFLX

(Art. No. 845-KF-845-KF-5296096/480/960)

Fully automated protocols available (lysis, binding, washing and elution without stopping the device)

innuSPEED Soil DNA Kit 2.0

(Art. No. 845-KS-1580010/050)

Optimized buffer combination and optimized Lysis Tube composition for maximum yield

SCAN AND GET MORE INFORMATION

