



Manual and automated extractions

Protocol options for both manual and automated extractions.



Fast extraction

Fast extraction of nucleic acid using automated liquid handling robots (<15 min).



Scalable input

From 1 to 1mill cells.



Elution volume

Elution volume of 50-200 μ l.



Attractive price

Highly attractive pricing.

NAxtra™ Cells total nucleic extraction kit

Fast and easy isolation of high-quality DNA and RNA

The NAxtra™ Cells total nucleic acid extraction kit is a reliable solution for researchers looking to extract high-quality RNA and DNA from cells. With its magnetic bead-based technology, this kit provides efficient and easy nucleic acid extraction, allowing for accurate and sensitive downstream analyses such as PCR or next-generation sequencing. Say goodbye to inconsistent results and unreliable methods - the NAxtra™ Cells total nucleic acid extraction kit is here to simplify and optimize your research. The NAxtra™ Cells total nucleic acid extraction kit and corresponding protocols have been implemented on several automation platforms including King Fisher™ Flex, King Fisher™ Duo and TECAN Fluent® 1080.

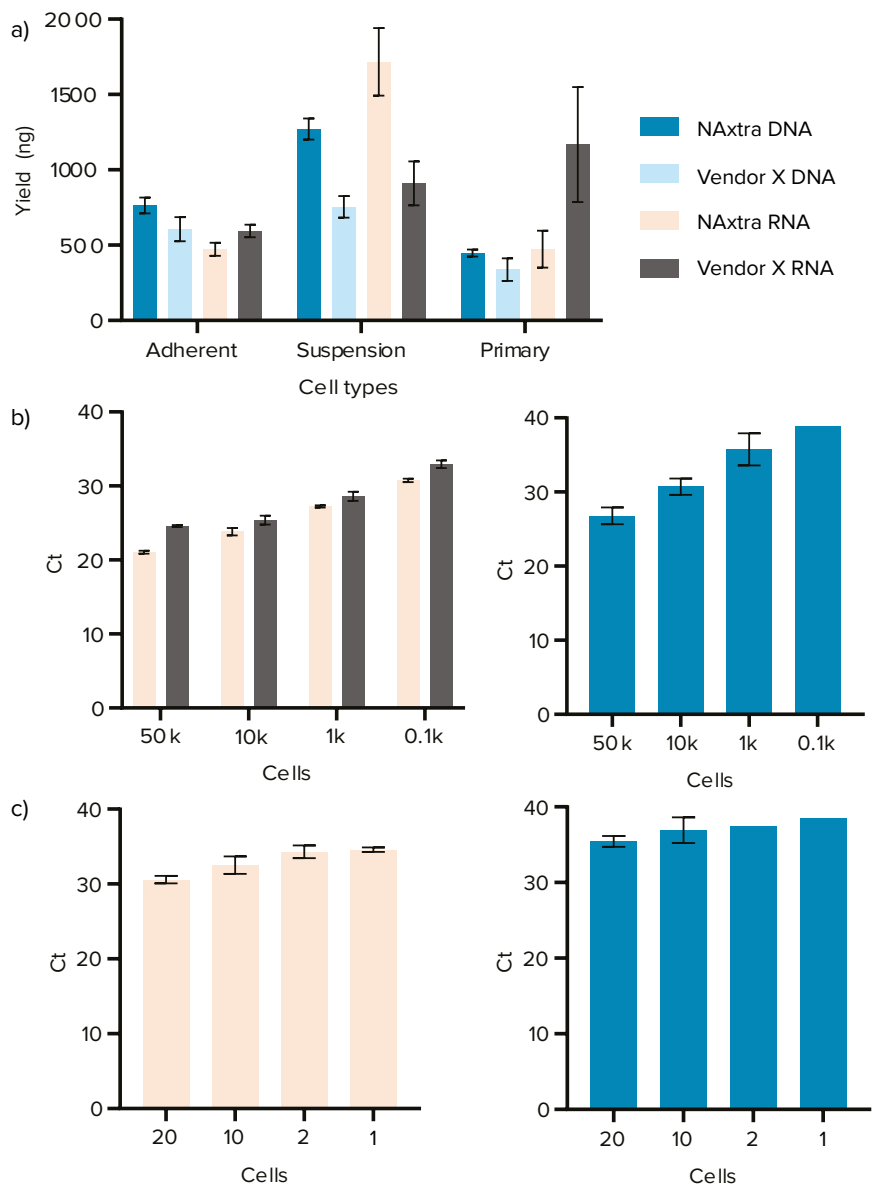


Figure 1. a) Nucleic acid (NA) yield (ng) from different cell types, comparing the NAxtra DNA/RNA extraction procedures to a commonly used kit by vendor X. Adherent = HAP1, suspension = JJN-3 and primary = fibroblasts, input = 100 000 cells, n = 3, error bars indicate ± 1 SD. b) (RT-)qPCR for NAs extracted using the NAxtra RNA/DNA extraction procedures, compared to a kit by vendor X for RNA extraction. Cells = HAP1, n = 3, error bars indicate ± 1 SD. c) (RT-)qPCR for NAs extracted using a tailored low cell input procedure. Cells = HAP1, n = 3, error bars indicate ± 1

Comparison NAXtra vs vendor X

NAXtra™ cell | NAXtra™ cell NAXtra™ cell | Vendor X
QUICK NA | DNA RNA | DNA

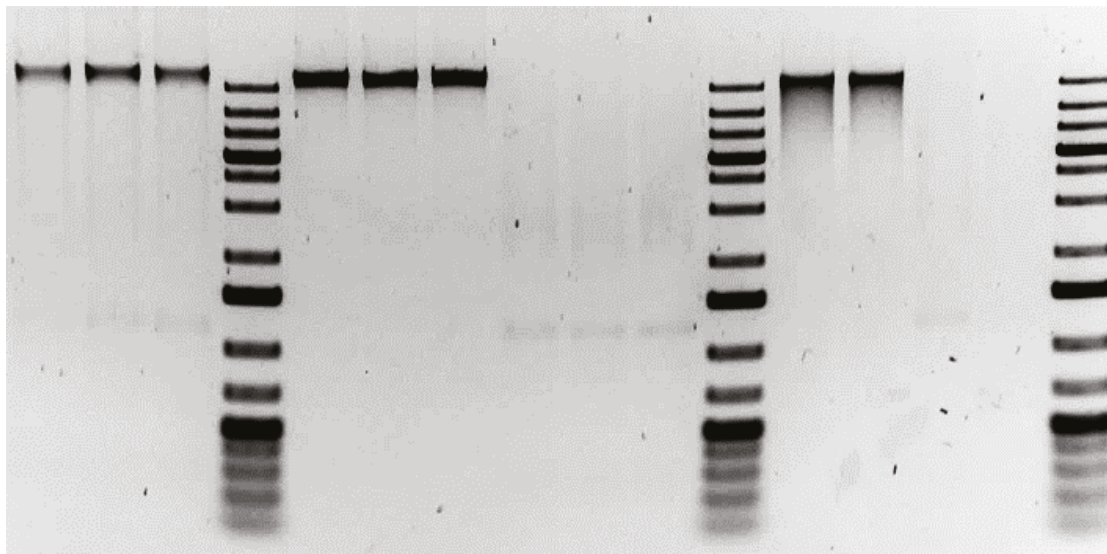


Figure 2. Nucleic acid (NA) extraction from 50 000 cells (HAP1), comparing NAXtra to a commonly used kit by vendor X. Automated extraction steps take approx 15 minutes for the NAXtra Quick NA protocol and approx 22 minutes for the DNA/RNA protocols.

Ordering info

NAXtra™ Cells total nucleic acid extraction kit can be purchased in 48 and 96 reaction versions. Contact us if you need bulk quantities.

Cat.no	Product
LSNXC0048	NAXtra™ Cells total nucleic acid extraction kit, 48 reactions
LSNXC0096	NAXtra™ Cells total nucleic acid extraction kit, 96 reactions