



SuperExtract Universal NA Purification kit

Maximize yield, purity, and integrity

Supporting great science through innovation in molecular biology

For over a decade, the SYSTAAQ molecular biology portfolio has represented leading technology, enabling reliable performance for every step of the traditional molecular biology workflow. SYSTAAQ Portfolio is completed by a wide choice of patented extraction chemistry: spin-filter-based isolation of DNA and/or RNA as well as for use with magnetic particles.

Today, the people behind our expanding portfolio remain committed to developing tools that deliver the best value for your research, with the performance and affordability that make it easy for you to do more great science.

Extraction of Viral DNA and RNA from Human Body Fluids

SYSTAAQ's proven SuperExtract Kits set the standard for purification of viral DNA and RNA. SuperExtract kits enable rapid and efficient purification of high-quality viral nucleic acids from a diverse variety of sample materials for a broad range of downstream applications.

Manual - SuperExtract kits

- Rapid and reliable purification of high-quality viral DNA and RN
- Fast procedures
 - Sample Lysis at room temperature for 10 minutes
 - Two washing steps
 - All buffers ready to use, no preparation
 - Centrifugation time in total extraction only 7 Minutes
- Cost Effective
 - No need for incubator or water bath as all extraction steps at room temperature
 - No need for Ethanol to prepare buffers
- Minimalized use of Hazardous chemicals for risk-free working procedure.
- The SuperExtract Kit simplifies purification from cell-free body fluids such as plasma, serum, urine, VTM, saliva, cellular suspensions, biopsies, swab and fecal samples.
- Pure DNA and RNA ready for downstream applications
- Highly efficient recovery of viral DNA and RNA
- IVD and CE-Marked

Kit Contents	Cat. No. 42805 300 Extractions	Volume / Extraction
Carrier RNA	2 Tubes	10 µl
LP Buffer (Ready to use)	2 x 65 ml	400 µl
Binding Buffer (Ready to use)	2 x 45 ml	300 µl
Wash Buffer (Ready to use)	2 x 165 ml	500 µl x 2 times = 1000 µl
Elution Buffer (Ready to use)	2 x 10 ml	60 µl
SuperExtract Spin Columns	6 x 50	1 each
2.0 ml Collection tubes	6 x 50	1 each
Nuclease-Free Water	2 x 2 ml	To prepare Carrier RNA

Rapid and Reliable Purification

Manual protocols require minimal user interaction and yield purified viral nucleic acids. The procedures are designed to ensure that there is no detectable sample-to-sample cross-contamination and to allow safe handling of potentially infectious samples. The simple procedures are ideal for rapid simultaneous processing of multiple samples.

The purified nucleic acids perform well in sensitive downstream applications such as RT-PCR, RT-qPCR, cDNA synthesis, poly A+ RNA selection, northern/dot/slot blot analysis, microarray, RNAseq and pathogen detection, Next-Gen sequencing, hybridization-based). The procedure provides increased sensitivity in viral-load monitoring and other applications where high viral nucleic acid recovery is essential.

Service and Support - Providing fast responses by experienced scientists

- **Service Plans** – planned maintenance and guaranteed response times to help you avoid unnecessary downtime, reduce strain on laboratory staff, and extend the life of your instruments,
- **Compliance Services** – timely, cost-effective, and audit-ready documentation managed by a compliance specialist to help ensure your instrument is installed, operating, and performing to the manufacturer's specifications
- **Bioinformatics and IT services** – optional consulting services with a bioinformatics application scientist to review software, applications, workflow optimization, and data management
- **Education services** – application and instrument training programs are available at our training centers located throughout the world, within your lab, or through web-based instruction

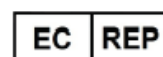
Ordering Details

SYSTAAQ SuperExtract Universal Nucleic Acid Purification Kit	50 Extractions	42802
	200 Extractions	42804
	300 Extractions	42805
SuperExtract Spin Columns	50 Columns	-

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