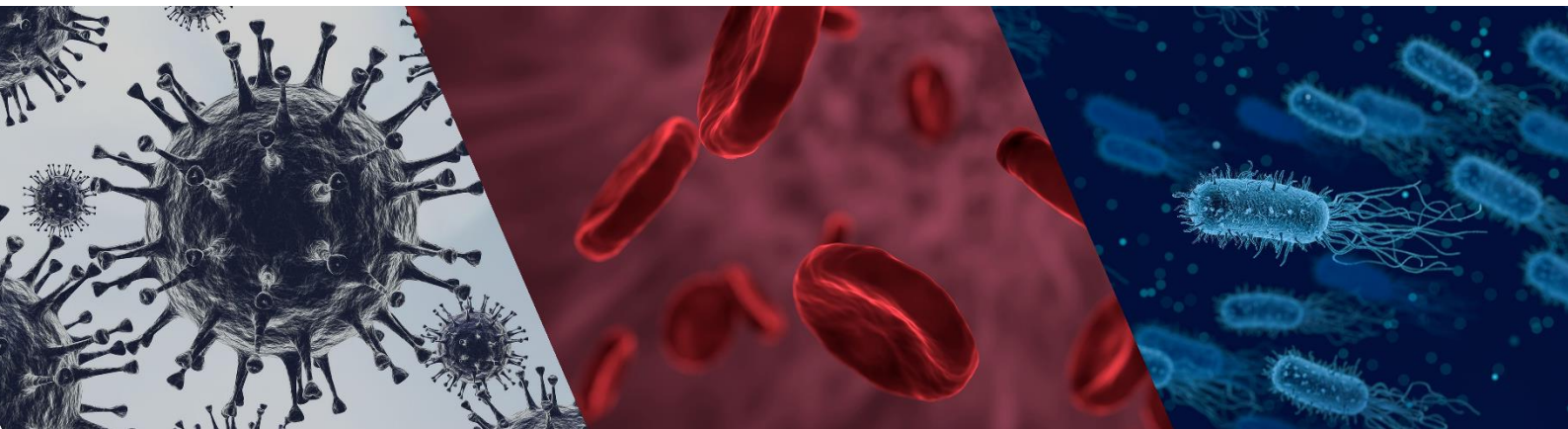




# Product catalog



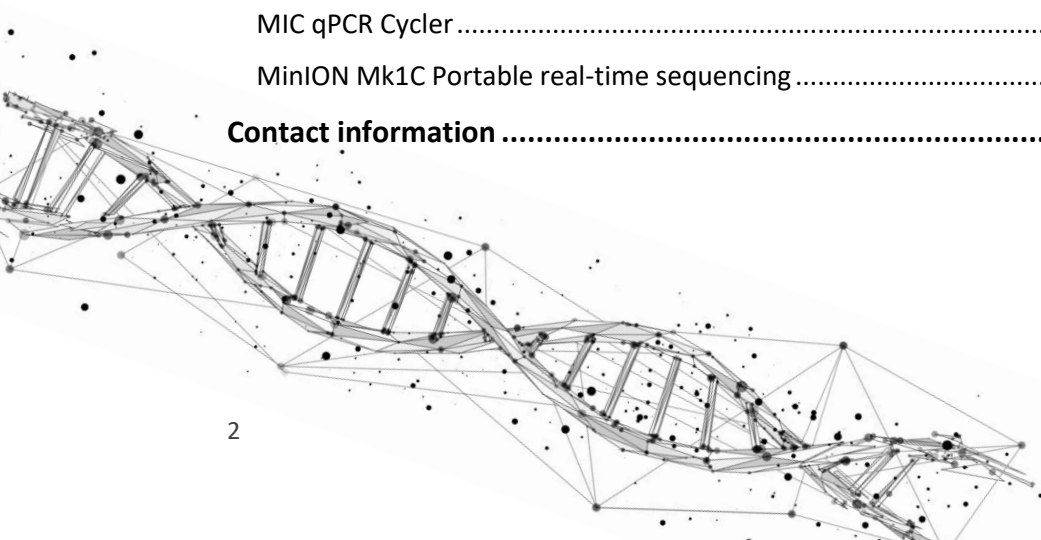
**Xpedit**e Diagnostics

January 2024



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# About Xpedite Diagnostics

**Rapid. Smart. Anywhere.**



## **We revolutionize nucleic acid extraction!**

Based on our smart technologies such as **Universal Cell Capturing** and **Reverse Purification**, we develop rapid and sensitive solutions for extraction of RNA and DNA in just a few steps and from any biological sample. Our extraction protocols are a perfect complement to rapid molecular diagnostic assays based on fast real-time PCR or isothermal amplification.



## **Why are we passionate about nucleic acid extraction?**

Because most companies are not. In fact, nucleic acid extraction is the most neglected part in diagnostic and analytical workflows! We tackle it by applying physical and chemical principles and a think-outside-of-the-box mentality. This enabled us to build a strong portfolio of building blocks for targeted nucleic acid extraction solutions: the SwiftX™ Toolbox. We aim to replace laborious silica-based purification products to make nucleic acid extraction simple and straightforward, so it can be performed anywhere - in a diagnostic lab, in a doctor's office, under a tree.



## **We value high quality and regulatory compliance.**

Leveraging our profound knowledge in Manufacturing and Quality Management, we guarantee an exceptional and consistent quality of our extraction kits – which are all **Made in Germany**. Thanks to our expertise in the European regulatory framework, we also ensure the regulatory compliance of our CE-IVD products while minimizing the time-to-market.

Our extraction kits can be applied in Human and Veterinary Diagnostics, in Life Science research, in Food Diagnostics, and in Forensics. Xpedite Diagnostics' Quality Management System is certified according to ISO 9001:2015.



# Our technology

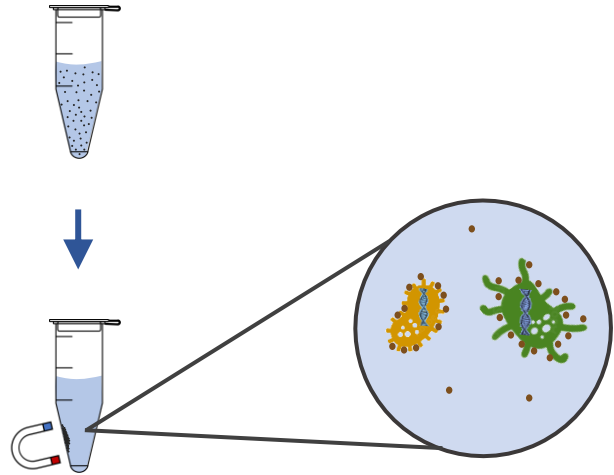
## Advantages of our magnetic bead technology

### Convenient cell capture

Our proprietary **centrifugation-free cell capture technology** is unique among nucleic acid extraction solutions available on the market.

It can be used to concentrate human & animal cells, parasites, bacteria, fungi and viruses in liquid samples **in just 4 minutes**. And there is no risk of losing cells due to handling errors in centrifugation-based cell concentration.

In a second step, the concentrated cells are resuspended in lysis buffer and DNA as well as RNA is extracted with high efficiency.

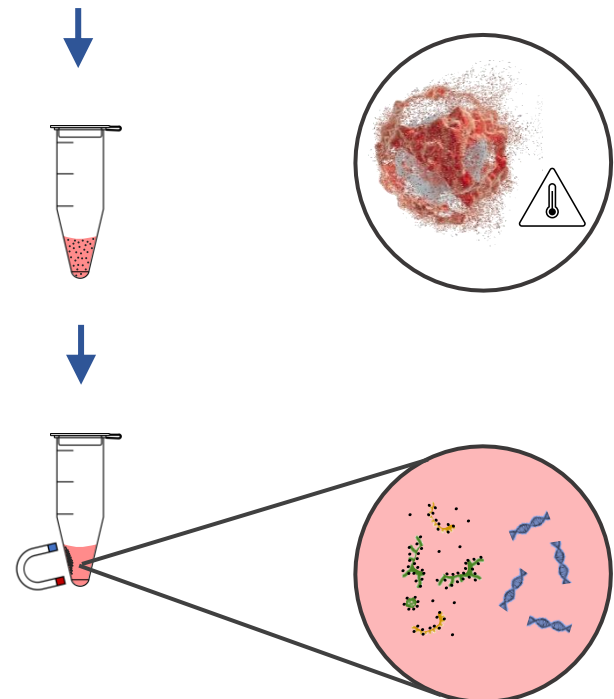


### Reverse Purification

The second differentiator to most rapid DNA extraction kits is our **Reverse Purification** technology, which **actively removes inhibitors such as proteins, carbohydrates and cell debris** from the cell lysate leaving purified DNA in solution.

Therefore, our extraction protocols work well with many more sample types than direct extraction methods of competitors.

Our Reverse Purification is performed using proprietary magnetic particles and **does not need bulky or expensive equipment** such as a centrifuge or addition of Chelex resin - a simple magnetic stand is sufficient.

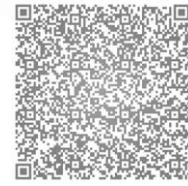




# Partnership

## Our customers and distributors

Are you interested in **becoming a distributor of Xpedite** for your customers? Scan this QR-Code and fill in the email, attach as much information as possible, such as a company presentation and more. We will get back to you!



## Industrial Partnerships

Xpedite as a young company focused on revolutionizing DNA/RNA extraction. We partner with biotech companies to offer full workflows combining detection with our new DNA/RNA extraction solution.

In our brand-new R&D facility, Xpedite carries out contract development projects for industry partners. Our manufacturing facility produces kits, and bulk reagents under our own or our partner's brands.

Xpedite is certified according to ISO 9001:2015. A certification according to ISO 13485:2016 is in implementation.

- **Contract R&D:** Development of customized DNA/RNA extraction solutions for any type of application: from human pathogens or genomic diagnostics, forensic, veterinary, and environmental molecular investigations to agro-food safety and production.
- **OEM:** Xpedite is open to make available its SwiftX technology platform to partners: we have the cutting-edge extraction technology, you have the commercial distribution power – it's a win-win. We produce kits and reagents for some of the biggest molecular diagnostics companies in the world.



## Consulting



Xpedite's expertise in IVD-R, ISO 9001 and ISO 13485 certification is linked to the experience of our CEO, Dr Andy Wende, a former Lead Auditor and Product Assessor for In-vitro-Diagnostics at TÜV SÜD, one of the largest certification bodies in the world.

We provide consulting services for the EU IVD Regulation, ISO 13485, ISO 9001, and more, supporting the certification of your facilities or your products.

Contact our CEO for more information: [Andy.Wende@Xpedite-Dx.com](mailto:Andy.Wende@Xpedite-Dx.com)



(\*) Prices are net prices without VAT and without transportation/handling and customs fees. Shipping costs depend on your region and the number of products ordered. VAT applies only for German customers.



# Sample preparation - Grinding

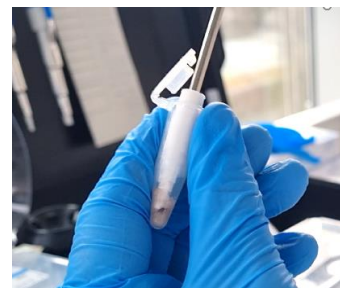
## SwiftX™ Grinding tools

### Intended Purpose:

SwiftX™ Grinding tools are designed to enable safe and fast grinding of insects, snails, or other tissues at the point-of-care. Breaking tissue structure, liberating cells and particles (viruses, bacteria, host cells, etc.) enables a more efficient recovery of the DNA/RNA with SwiftX DNA or other SwiftX kits.

### Grinding at the point-of-care

Normal laboratory grinding procedures require heavy and sometimes expensive equipment. Grinding in the laboratory takes several minutes. SwiftX™ Grinding tools help to save money and enable grinding in less than a minute, in many cases only 10 seconds. SwiftX™ Grinding tools includes Tube S (filled with special grade sand particles), Grinding Tips (whose shape is optimized for efficient grinding), and the Grinding tool (a shaft where grinding tips can easily be mounted and discarded).



### Applicable extraction targets:

- ✓ Human and animal cells
- ✓ Gram-positive and gram-negative bacteria
- ✓ Parasitic protozoa and helminths
- ✓ Viruses

### Applicable sample types:

- ✓ Mosquitos
- ✓ Ticks
- ✓ Snail tissues
- ✓ Other tissues

Cat.no.	Name	Price (*)
SXG-SK	SwiftX Grinding Starter Kit <i>Includes 1 grinding tool, 10 SwiftX Tube S and 10 SwiftX Tips</i>	58.00 €
SXG-S	SwiftX Tube S (50) <i>Includes 50 1.5mL-Eppendorf Safe-lock tubes filled with 100µL special grade sand.</i>	70.00 €
SXG-T	SwiftX Grinding Tips (50) <i>Includes 50 SwiftX Tips designed for 1.5mL-Eppendorf Safe-lock tubes.</i>	70.00 €

## SwiftX™ Glass beads

### Intended Purpose:

SwiftX™ Glass beads are meant for cost-efficient grinding using tube-shaker equipment.

### Bead beating at the point-of-care

SwiftX™ Glass beads are available in different formats: prefilled or bulk, and in different sizes. Larger beads offer higher impact forces for lysis of strong biological materials. Smaller beads offer more impact events, enabling faster lysis.



### Applicable extraction targets:

- ✓ Human and animal cells
- ✓ Gram-positive and gram-negative bacteria
- ✓ Parasitic protozoa and helminths
- ✓ Viruses

### Applicable sample types:

- ✓ Mosquitos, sand flies
- ✓ Ticks
- ✓ Tissues
- ✓ Cell culture

Cat.no.	Name	Price (*)
GLB-010	SwiftX Glass beads (1.0/25g) <i>Bottle with 25g of glass beads of 1.0mm diameter.</i>	25.00 €
GLB-001	SwiftX Glass beads (0.1/25g) <i>Bottle with 25g of glass beads of 0.1mm diameter.</i>	25.00 €
GLB-010-T	SwiftX Tube G 1.0 (10x250mg) <i>Bag with 10x 1.5mL-Eppendorf Safe-Lock tubes filled with 250mg of glass beads of 1.0mm diameter.</i>	25.00 €
GLB-001-T	SwiftX Tube G 0.1 (10x250mg) <i>Bag with 10x 1.5mL-Eppendorf Safe-Lock tubes filled with 250mg of glass beads of 0.1mm diameter.</i>	25.00 €

# Cell Capture and Reverse Purification Kits

## SwiftX™ DNA

### Intended Purpose:

SwiftX™ DNA is designed for rapid extraction of genomic and mitochondrial DNA from human or animal samples as well as for extraction of DNA from bacteria, parasites (protozoa as well as helminth eggs), fungi and viruses.

### Rapid and flexible

SwiftX™ DNA is intended to be a **powerful research tool**, which can be applied to a multitude of specimens and applications. Thus, we offer **3 different protocols** for using the kit. Each of the protocols is tailored to specific sample types to be processed.

The direct extraction approach for swabs and solid samples is as short as 7 minutes. DNA extraction from liquid specimens making use of our cell capture technology can be performed in as little as 10 minutes. Additional use of Proteinase K improves lysis efficiency of skin, fungi, and gram-positive bacteria.



### Applicable extraction targets:

- ✓ Human and animal cells
- ✓ Gram-positive and gram-negative bacteria
- ✓ Parasitic protozoa and helminths
- ✓ Fungi
- ✓ Viruses

### Applicable sample types:

- ✓ **Solid samples:** swabs, pre-concentrated cells, dried blood spots, tissue (skin, muscle, liver, brain, bone marrow), hair follicles, etc.
- ✓ **Liquid samples (up to 1mL):** urine, cell cultures, saliva, sputum, fine-needle aspirates, tissue fluid, cerebrospinal fluid, throat washes, whole blood, tissue suspensions, liquid-based cytology media, swab samples in transport media, etc.

Cat.no.	Name	Price (*)
SXD-25-IVD	SwiftX DNA (25 extractions), CE-IVD certified	74.90 €
SXD-25	SwiftX DNA (25 extractions), For Research Use	74.90 €
<i>Accessory to the SwiftX DNA kit, improves lysis for tissue, skin, gram+ bacteria, and fungi, sufficient for 200 extractions</i>		
PRK-1mL	Proteinase K (1mL), 20mg/mL	34.90 €
PRK-25MG	Proteinase K (25mg) (lyophilized)	34.90 €
<i>Accessory to the SwiftX DNA kit, needed if volumes larger than 1mL shall be processed</i>		
BEN-25mL	Buffer EN (25mL)	17.90 €
BEN-100mL	Buffer EN (100mL)	59.90 €
BEN10x-25mL	Buffer EN 10x (25mL)	49.00 €

## Overview of protocols to be used for DNA extraction from different specimens and pathogens.

	Dry swabs	Pre-concentrated	FTA cards	dried blood spots	Skin and tissue	Hair follicles	Fingernails	Saliva	Throat washes	Cell cultures	Urine	Media (saline, PBS, Amies)	Fine-needle aspirates	Cerebrospinal fluid	Peripheral or venous blood	Homogenized tissue	Liquid-based cytology media
Human cells and animal cells	Protocol 1 5 min. at 95°C			Protocol 1 + Proteinase K + 15 min. at 95°C	Protocol 1 + Proteinase K 10 min. at 95°C			Protocol 2 5 minutes at 95°C						Protocol 3 5 minutes at 95°C			
Gram-negative bacteria	Protocol 1 10 min. at 95°C				Protocol 1 + Proteinase K 10 min. at 95°C			Protocol 2 10 minutes at 95°C						Protocol 3 10 minutes at 95°C			
Gram-positive bacteria	Protocol 1 15 min. at 95°C				Protocol 1 + Proteinase K 15 min. at 95°C			Protocol 2 15 minutes at 95°C						Protocol 3 15 minutes at 95°C			
Fungi	Protocol 1 15 min. at 95°C				Protocol 1 + Proteinase K 15 min. at 95°C			Protocol 2 15 minutes at 95°C						Protocol 3 15 minutes at 95°C			
Viruses	Protocol 1 5 min. at 95°C				Protocol 1 + Proteinase K 10 min. at 95°C			Protocol 2 5 minutes at 95°C						Protocol 3 5 minutes at 95°C			
Helminths	Protocol 1 15 min. at 95°C							Protocol 2 15 minutes at 95°C									
Protozoa	Protocol 1 10 min. at 95°C							Protocol 2 10 minutes at 95°C						Protocol 3 10 minutes at 95°C			

(\*) Prices are net prices without VAT and without transportation/handling and customs fees. Shipping costs depend on your region and the number of products ordered. VAT applies only for German customers.



## SwiftX™ Hi-Sense

### Intended Purpose:

SwiftX™ Hi-Sense is designed for sensitive and rapid extraction of DNA from bacteria and viruses as well as genomic DNA from liquid human or animal samples that contain low numbers of cells and virus particles such as saliva, urine and swabs in transport media (e.g. oral, nasal, and environmental swabs).

### Rapid extraction from liquid specimens

SwiftX™ Hi-Sense is tailored for rapid extraction of nucleic acids from liquid specimens such as those listed below. Our cell capture and reverse purification technology enables a sensitive detection of viruses such as African Swine Fever Virus as well as other targets.

#### Applicable extraction targets:

- ✓ Human and animal cells
- ✓ Gram-positive and gram-negative bacteria
- ✓ Parasitic protozoa and helminths
- ✓ Viruses

#### Applicable sample types:

- ✓ Oral fluid
- ✓ Urine
- ✓ Nasal / oral swabs in transport media
- ✓ Cell cultures
- ✓ Saliva, throat washes
- ✓ Environmental samples in transport media



Cat.no.	Name	Price (*)
SXHS-25	SwiftX Hi-Sense (25 extractions), For Research Use	62.50 €
<i>Accessory to the SwiftX Hi-Sense kit, needed if volumes larger than 1mL shall be processed</i>		
BEN-25mL	Buffer EN (25mL)	17.90 €
BEN-100mL	Buffer EN (100mL)	59.90 €
BEN10x-25mL	Buffer EN 10x (25mL)	49.00 €

## SwiftX™ ParaBact

### Intended Purpose:

SwiftX™ ParaBact is designed for magnetic capture and sensitive and rapid extraction of bacteria as well as eukaryotic cells, i.e. parasitic protozoa, helminth eggs, fungi as well as human & animal cells.

### Improved cell capture and bacterial lysis

SwiftX™ ParaBact was developed to provide an improved capturing of bacterial and protozoa cells. It has been validated to bind bacteria of many different orders. The cell lysis shows improved efficiency compared to SwiftX DNA particularly with gram-positive bacteria. Furthermore, the lysis buffer chemistry actively removes RNA from the extracted DNA.

#### Applicable extraction targets:

- ✓ Gram-positive and gram-negative bacteria
- ✓ Parasitic protozoa
- ✓ Helminth tissue incl. eggs
- ✓ Fungi
- ✓ Human and animal cells

#### Applicable sample types:

- ✓ **Solid samples:** swabs, pre-concentrated cells
- ✓ **Liquid samples:** blood, urine, cell cultures, sputum, saliva, fine-needle aspirates, tissue homogenates, cerebrospinal fluid, swab samples in transport media, liquid-based cytology media, wastewater



Cat.no.	Name	Price (*)
SXPB-25	SwiftX ParaBact (25 extractions), For Research Use	97.50 €
<i>Accessory to the SwiftX ParaBact kit, needed if volumes larger than 1mL shall be processed</i>		
BPE-25mL	Buffer BPE (25mL)	17.90 €
BPE10x-25mL	Buffer BPE 10x (25mL)	49.00 €

## Additional reagents

Cat.no.	Name	Price (*)
BTLS-25mL	Buffer TLS (25mL) <i>Nanopore-sequencing specific lysis buffer, for research use only</i>	17.90 €
BEL-25mL	Buffer EL (25mL) <i>Erythrocyte lysis buffer, for research use only</i>	17.90 €
BA-0.75mL	Beads A (0.75mL)	49.00 €



## SwiftX™ RNA – Coming soon.

### Intended Purpose:

SwiftX™ RNA is designed for sensitive and rapid extraction and protection of RNA from solid as well as liquid specimens.

### Fast lysis and protection of RNA

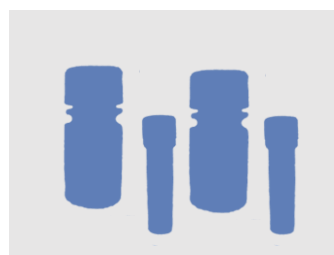
SwiftX™ RNA was developed to provide together: the concentration of cells, the deactivation of RNases, the extraction of total nucleic acids and the stabilization of RNA. The kit contains Proteinase K, Beads A, Enrichment Buffer EN and Lysis Buffer RL.

### Applicable extraction targets:

- ✓ Bacteria, fungi, parasitic protozoa, and helminths
- ✓ Genomic RNA and DNA

### Applicable sample types:

- ✓ **Solid samples:** swabs, pre-concentrated cells
- ✓ **Liquid samples:** urine, cell cultures, saliva, fine-needle aspirates, tissue fluid, cerebrospinal fluid, tissue suspensions, swab samples in transport media, blood



Cat.no.	Name	Price (*)
SXR-25	SwiftX RNA (25 extractions), For Research Use	113.75 €

## SwiftX™ Virus – Coming soon.

### Intended Purpose:

SwiftX™ Virus is designed for a one-step viral DNA/RNA extraction from complex liquid specimens such as serum, plasma, or whole blood.

### Less than 15 minutes extraction time

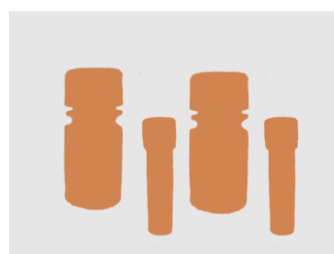
The very robust and fast protocol of SwiftX™ Virus enables extraction of viral nucleic acids in less than 15 minutes, with no more than 1 pipetting step. The kit combines high enzymatic activity to neutralize RNases and liberate nucleic acids and SwiftX Beads A to bind inhibitors and organic particles. SwiftX Virus will co-extract DNA as well.

### Applicable extraction targets:

- ✓ Arboviruses
- ✓ STI

### Applicable sample types:

- ✓ Whole blood
- ✓ Serum, plasma



Cat.no.	Name	Price (*)
SXV-50	SwiftX Virus (50 extractions), For Research Use	149.50 €

## SwiftX™ Tissue & Insects – Coming soon.

### Intended Purpose:

SwiftX™ Tissue & Insects is designed for rapid extraction of DNA/RNA from tissue biopsies and insect vectors.

### Fast tissue disruption and release of nucleic acids

SwiftX™ Tissue & Insects was developed to enable rapid and straight-forward extraction of pathogen DNA/RNA from solid specimens that are usually difficult to disrupt. The simplified workflow and reduced need for instrumentation allows nucleic acid extraction truly at the point-of-care.

### Applicable extraction targets:

- ✓ Viruses, bacteria, fungi, protozoa
- ✓ Genomic RNA and DNA

### Applicable sample types:

- ✓ Tissue snips and biopsies
- ✓ Insect vectors (mosquitos, ticks, sand flies etc.)



Cat.no.	Name	Price (*)
SXTI-25	SwiftX Tissue & Insects (25 extractions), For Research Use	113.75 €

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# One-Step DNA and RNA Extraction Kits

## SwiftX™ Swabs

### Intended Purpose (CE-IVD):

SwiftX™ Swabs is intended to be used for extraction of RNA and DNA from swab and saliva samples taken from humans. For professional use.

### Intended Purpose (Research Use):

SwiftX™ Swabs is designed for rapid extraction of RNA and DNA from swabs, transport media and saliva.

### Rapid, cost-efficient nucleic acid extraction

SwiftX™ Swabs allows for a time- and cost-efficient one-step extraction of RNA and DNA. The kit contains two enzymes that ease the release of particles from the swab surface and the inactivation of inhibitors such as nucleases. It is most efficient if swabbed samples are applied directly to the extraction procedure instead of being eluted in a transport medium.



### Applicable extraction targets:

- ✓ Viruses
- ✓ Human and animal cells
- ✓ Bacteria
- ✓ Parasites

### Applicable sample types:

- ✓ Dry swabs (nasal, oral, skin, tracheal, environmental)
- ✓ Swabs in transport media
- ✓ Saliva

Cat.no.	Name	Price (*)
SXS-50	SwiftX Swabs (50 extractions), For Research Use	97.50 €
SXS-50-IVD	SwiftX Swabs (50 extractions), CE-IVD certified	97.50 €
SXS-200	SwiftX Swabs (200 extractions), For Research Use	269.50 €
SXS-200-IVD	SwiftX Swabs (200 extractions), CE-IVD certified	269.50 €

## SwiftX™ Media

### Intended Purpose (CE-IVD):

SwiftX™ Media is intended to be used for extraction of DNA and RNA of eukaryotic cells, bacteria, and viruses from human samples in transport media. For professional use.

### Intended Purpose (Research Use):

SwiftX™ Media is designed for rapid extraction of RNA and DNA from biological samples in transport media.

### Rapid, cost-efficient nucleic acid extraction

SwiftX™ Media allows for a time- and cost-efficient one-step extraction of RNA as well as DNA. The kit contains a protease which enables the efficient lysis of cells, and which inactivates inhibitors such as nucleases. SwiftX Media was particularly designed for use with samples stored in various transport media.



### Applicable extraction targets:

- ✓ Viruses
- ✓ Human and animal cells
- ✓ Bacteria
- ✓ Parasites

### Applicable sample types:

- ✓ Dry swabs (nasal, oral, skin, tracheal, environmental)
- ✓ Swabs in transport media
- ✓ Saliva

Cat.no.	Name	Price (*)
SXM-125	SwiftX Media (125 extractions), For Research Use	179.90 €
SXM-125-IVD	SwiftX Media (125 extractions), CE-IVD certified	179.90 €

# DNA and RNA Amplification Kits

## Recombinase Aided Amplification Kits

### Intended Purpose:

Recombinase Aided Amplification (RAA) kits are intended to be used for rapid and convenient amplification of extracted RNA and DNA.

RAA kits are manufactured by Jiangsu Qitian Gene Biotechnology and distributed by Xpedit Diagnostics.

### RAA reagents are available in three product formats:

- ✓ for real-time fluorescence detection
- ✓ for detection using lateral-flow strips
- ✓ for end-point detection using gel electrophoresis



### Ultra-rapid nucleic acid amplification

RAA technology amplifies RNA and DNA in just a few minutes. For example, positive amplification results are usually detectable after 3 to 10 minutes incubation with the fluorescence probe-based kits.

### Aliquoted freeze-dried reagent mixes

RAA kits are convenient to handle. They comprise of freeze-dried enzyme mix aliquoted in standard 0.2mL PCR tubes and of two buffers for rehydration and starting the amplification reaction.

### Reverse transcriptase included

In the RT-version of RAA kits, the reverse transcriptase enzyme is included in the freeze-dried reagent pellet. There is no extra pipetting step and no extra costs.

List of generic RAA reagents		
Cat.no.	Name	Price (*)
F00001	RAA Nucleic Acid Amplification Kit (48 reactions), For Research Use <i>For fluorescent probe-based real-time detection</i>	175.00 €
F00R01	RT-RAA Nucleic Acid Amplification Kit (48 reactions), For Research Use <i>For fluorescent probe-based real-time detection</i>	238.00 €
T00001	RAA Nucleic Acid Amplification Kit (48 reactions), For Research Use <i>For lateral flow-strip detection</i>	175.00 €
T00R01	RT-RAA Nucleic Acid Amplification Kit (48 reactions), For Research Use <i>For lateral flow-strip detection</i>	238.00 €
TSJ000	Universal lateral flow test strip Kit (Biotin/FAM) (50 strips), For Research Use	214.00 €
B00000	RAA Nucleic Acid Amplification Kit (48 reactions), For Research Use <i>For end-point amplicon detection using gel electrophoresis</i>	175.00 €
B00R00	RT-RAA Nucleic Acid Amplification Kit (48 reactions), For Research Use <i>For end-point amplicon detection using gel electrophoresis</i>	238.00 €

List of specific detection assays	
SARS-CoV-2	<i>Mycobacterium tuberculosis</i>
Dengue Virus	<i>Plasmodium spp.</i>
African Swine Fever (ASF) Virus	<i>Salmonella spp.</i>
Influenza A Virus	<i>Listeria monocytogenes</i>
Yellow Fever Virus	<i>Staphylococcus aureus</i>
Ebola Virus	<i>Vibrio cholerae</i>
Zika Virus	<i>Vibrio parahaemolyticus</i>
Japanese Encephalitis Virus	<i>Bacillus anthracis</i>
	<i>Yersinia pestis</i>
	<i>Brucella spp.</i>
	<i>Enterobacter sakazakii</i>

### Price for all species-specific detection assays:

685.00 € (48 reactions per kit)

(\*) Prices are net prices without VAT and without transportation/handling and customs fees. Shipping costs depend on your region and the number of products ordered. VAT applies only for German customers.



## SOLIScript and SolisFAST PCR Mixes



### Intended Purpose:

Robust to room temperature storage, high sensitivity, multiplexing and fast PCR cycles are features of the various kits for PCR/qPCR/RT-qPCR.

*SOLIScript and SolisFAST mixes are manufactured by Solis BioDyne OÜ and distributed by Xpedite Diagnostics.*

### Solis BioDyne mixes are available in several product formats:

- ✓ for real-time fluorescence (probe or dye) detection
- ✓ in small to extra-large packaging sizes
- ✓ 1-step with reverse transcriptase (RT-qPCR)

### Fast PCR cycles

With PCR run times of 45 min (qPCR) to 60 min (RT-qPCR), Solis Mixes enable together with Xpedite's fast extraction solutions qPCR results within 1 hour and RT-qPCR within 1 h 15 min.

### Robust and sustainable mixes

Both SOLIScript and SolisFAST are stable at room temperature for several weeks (see table). This enables cost-efficient and eco-friendly shipping without dry ice.

### Storage time for several storage temperature of the various mixes

	SolisFAST® Probe qPCR Mix	SolisFAST® SolisGreen® qPCR Mix	SOLIScript® Fast 1-step RT-qPCR Mix
+37°C	2 weeks	2 weeks	no data
+25°C	6 months	3 months	1 month
+4°C	1 year	1 year	3 months
-20°C	2 years	2 years	2 years

Cat.no.	Name	Price (*)
SBD-28-0X-XXXXX	SolisFAST® Probe qPCR Mix (with or w/o ROX or Purple), For Research Use <i>For fluorescent probe-based real-time PCR detection</i> Different formats available: 250, 1250, 5000, 12500 reactions	On request
SBD-28-4X-XXXXX	SolisFAST® SolisGreen® qPCR Mix (with or w/o ROX), For Research Use <i>For fluorescent dye-based real-time PCR detection</i> Different formats available: 250, 1250, 5000, 12500 reactions	On request
SBD-08-87-XXXXX	SOLIScript® Fast 1-step RT-qPCR Mix with UNG, For Research Use <i>For one-step reverse transcription and fluorescent probe-based real-time PCR detection</i> Different formats available: 200, 1000, 5000, 10000 reactions	On request
SBD-06-26-XXXXX	RiboGrip RNase Inhibitor (220 U/μL), For Research Use <i>Inhibits the activity of ribonucleases A, B and C by non-covalent binding in a non-competitive mode at a ratio of 1:1.</i> Different formats available: 100, 200, 500, 5000 reactions	On request
SBD-06-29-XXXXX	Glycerol-free RiboGrip RNase Inhibitor (220 U/μL), For Research Use Different formats available: 100, 200, 500, 5000 reactions	On request

# Instruments and Accessories

## Magnetic separation racks

All our magnetic tube holders are 3D printed and made of chemically robust ABS material. They include strong Neodymium magnets for fast separation even in viscous samples.

Several formats are available, from the classical MAG-12 with 2 rows of 6 positions for 1.5mL microtubes to the MAG-1x50mL optimized for the fast separation of magnetic beads in very large volumes (3min / 50mL).



**MAG-12 / MAG-16 / MAG-24**  
2 rows for 6 x 1.5mL (-12)  
or 8 x 1.5mL (-16) tubes\*



**MAG-4-POC**  
2 rows for 2 x 1.5mL tubes



**MAG-12combo**  
1 row each for 6 x 1.5mL and 6 x 2mL  
tubes\*



**MAG-4x5mL**  
For tubes of max diameter of 20 mm  
and min height of 57 mm\*\*



**MAG-4x15mL**  
For 4 x 15mL tubes (max diameter of 17  
mm and min height of 90 mm\*\*)



**MAG-1x50mL**  
For tubes of 50mL (max diameter of 30  
mm and min height of 92 mm\*\*)

\* Those racks also enable the separation from 2x 15mL tubes by putting the rack vertically.

\*\* distance from bottom of the tube to the lower end of the lid.



### POC "Point of Care" possibility

Small magnets are embedded in a modified version to increase stability when working with the suitcase lab.



### Customized racks

With our flexible 3D printing technology, and knowledge in designing racks, we can prepare the rack that would perfectly fit your needs – even if you only need one.

Cat.no.	Name	Price (*)
MAG-12	Magnetic rack for 12 x 1.5mL microtubes	149.00 €
MAG-16	Magnetic rack for 16 x 1.5mL microtubes	199.00 €
MAG-24	Magnetic rack for 24 x 1.5mL microtubes	299.00 €
MAG-12combo	Magnetic rack for 6 x 1.5mL microtubes and 6 x 2mL tubes	149.00 €
MAG-4x5mL	Magnetic rack for 4 x 5mL tubes	129.00 €
MAG-4x15mL	Magnetic rack for 4 x 15mL tubes	149.00 €
MAG-1x50mL	Magnetic rack for 1 x 50mL Falcon tubes	129.00 €
MAG-4-POC	Magnetic rack for 4 x 1.5mL microtubes and magnetic bottom plate	99.00 €
MAG-12-POC	Magnetic rack for 12 x 1.5mL microtubes and magnetic bottom plate	169.00 €
Proto-00	Prototype rack for your tubes	On request

(\*) Prices are net prices without VAT and without transportation/handling and customs fees. Shipping costs depend on your region and the number of products ordered. VAT applies only for German customers.



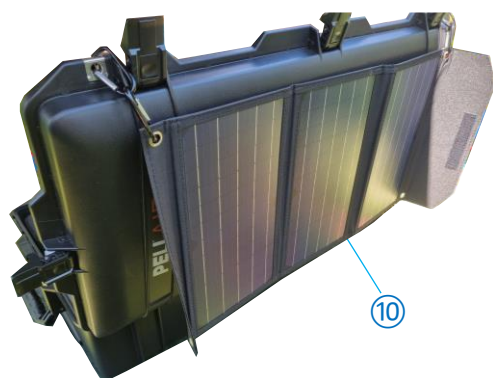
## Suitcase laboratory

Fully customizable mobile molecular laboratory. Price includes laboratory customization and evaluation of required accessories as well as online technical support by our scientists.



### The laboratory includes:

- ① Peli Air 1615 case, compliant with international air transport regulations
- ② various dividers for space and storage management
- ③ movable stainless-steel worktable
- ④ magnetic case lid for customizable arrangement of pipettes, timer, gloves, and decontamination tissues.
- ⑤ waste box with Ziplock waste bags included
- ⑥ LED head light for worktable
- ⑦ Styrofoam thermo box
- ⑧ magnetic rack holders, 12x microtubes and 4x microtubes
- ⑨ lithium-ion battery (89Wh) incl. power connectors for instruments
- ⑩ solar panel for battery recharging during operation



Cat.no.	Name	Price (*)
MOLLAB-2	Customized mobile laboratory	4390.00 €
PMP-10	Precision micro-pipette, 10µL	159.00 €
PMP-100	Precision micro-pipette, 100µL	159.00 €
PMP-1000	Precision micro-pipette, 1000µL	159.00 €
VOR-01	Mini vortexer	59.00 €
CEN-01	Mini centrifuge 6x 1.5mL tubes or 16x 0.2mL tubes	229.00 €
ACC-15	Mini heat block, 15x 1.5mL	398.00 €

Leasing possibility upon availability, from 330.00 € per month.

## Axxin T8 Isothermal Instrument

Isothermal amplification instrument with a small footprint for running up to 8 samples with 2-channel real-time fluorescence detection. Can be used via touchscreen and integrated user interface or connected to a computer.

<b>Block configuration</b>	8 Tubes (200µL standard PCR tubes)
<b>Display</b>	4.3" LCD touch screen
<b>Temperature range</b>	37°C to 72°C
<b>Excitation / Detection</b>	1, 2 (T8) or 3 (T16) channels: FAM / ROX / HEX
<b>Environmental operation</b>	10°C to 30°C, 20% to 70% rel.H.
<b>Dimensions</b>	18.5cm x 20.5cm x 11cm (L x W x H)
<b>Weight</b>	2.3kg



Cat.no.	Name	Price (*)
P003843	Axxin T8-ISO Instruments (8 reactions, 1 or 2 detection channels)	On request
<i>Coming soon</i>	Axxin T8-RA Instrument	On request
<i>Also available from Axxin:</i>		
P002921	Axxin T16-ISO Instrument (2x 8 reactions, 3 detection channels)	On request
P004052	Powertraveller PowerGorilla, Axxin External Power Pack	On request

## MIC qPCR Cycler

Real-time PCR instrument with small footprint for running up to 48 samples with 4-channel real-time fluorescence detection. Can be run via USB or Bluetooth connection to a computer.

<b>Configuration</b>	48 Tubes (5 to 30µL reaction mix)
<b>Run time (PCR)</b>	Typically, 40min
<b>Temperature range</b>	35°C to 99°C
<b>Excitation / Detection</b>	465/510, 540/570, 585/618, 635/675 nm
<b>Environmental operation</b>	18°C to 30°C, 20% to 80% rel.H.
<b>Dimensions</b>	15cm x 15cm x 13cm (L x W x H)
<b>Weight</b>	2.0kg



Cat.no.	Name	Price (*)
	MIC qPCR Cycler	Contact us
	PCR consumables (tubes and lids)	Contact us

## MinION Mk1C Portable real-time sequencing

Nanopore DNA / RNA sequencing device with small footprint, integrating data generation and data processing. Can be used via touchscreen and integrated user interface or connected to a computer.

<b>Configuration</b>	for 50 Gb MinION or 2.8 Gb Flongle flow cell
<b>Display</b>	LCD touch screen
<b>Connectivity</b>	USB 2.0, eSATA, micro-SD, 1Gb LAN, WiFi
<b>Detection</b>	50 Gb MinION or 2.8 Gb Flongle flow cell
<b>Environmental operation</b>	10°C to 30°C, up to 80% rel.H., alt. 2000m
<b>Dimensions</b>	14.2 cm x 11.8cm x 3.3cm (L x W x H)
<b>Weight</b>	455 g



Cat.no.	Name	Price (*)
	MinION Mk1c	Contact us
	Sequencing Consumables	Contact us

(\*) Prices are net prices without VAT and without transportation/handling and customs fees. Shipping costs depend on your region and the number of products ordered. VAT applies only for German customers.

## Contact information

Do you have questions about our products or want a quote?



Contact us: [sales@xpedit-dx.com](mailto:sales@xpedit-dx.com)

Are you interested in distributing our products in your country or region?



Reach out to us: [info@xpedit-dx.com](mailto:info@xpedit-dx.com)

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