

# Let's work together

360° solutions for your  
pre-analytics



# Pre-analytical workflow made by SARSTEDT



- ✓ Solutions for specimen handling, automation and digitalization
- ✓ Individual process consulting and training
- ✓ Decades of experience and know-how

The pre- and post-analytical workflow includes the processes before and after the actual laboratory analysis: collection, transport, accepting delivery and distribution of the specimens in the laboratory and storage of the specimens after the analytics. All process steps of this workflow are important for an optimal analytical result.

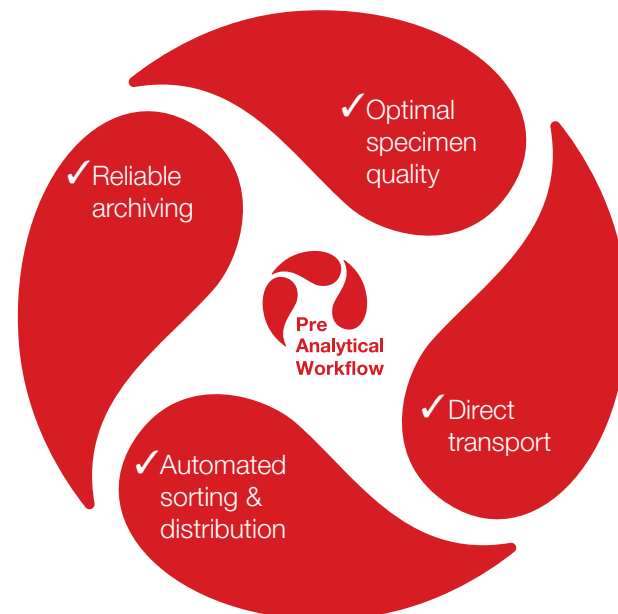
SARSTEDT gives you holistic, coordinated products and systems that are consolidated in the pre-analytical workflow product range. Utilize the synergies of our systems.

Let's work together.



### 360° solutions for your pre-analytics

Utilize the synergy of our coordinated systems.



### We develop your pre-analytics further

Optimizing and validating pre-analytics is especially significant, as pre-analytical errors constitute two thirds of all laboratory errors, the greatest percentage. The main consequence of these errors in pre-analytics is reduced efficiency of laboratory medicine.

Better control of influencing variables and disruptive factors and greater standardization of pre-analytical workflows can permanently eliminate defects and process problems. This leads to valid, reliable laboratory results.

As a leading global provider of pre-analytical solutions and systems, SARSTEDT has made a considerable contribution to making pre-analytics more reliable and efficient. Working with our customers, we have further developed the pre-analytical workflow with targeted innovations in recent years.

### Let us advise you

In addition to high-quality products and coordinated system solutions, we focus on the individual consulting and training of our customers.

We have developed the SARSTEDT Pre-analytical Consultancy Program (SPCP) – a holistic concept that aims to achieve qualitative and quantitative identification of pre-analytical error sources and implement a subsequent action plan for sustained optimization.





# 360° solutions

From specimen collection to archiving – in the best hands



## Optimal specimen quality

Optimal specimen collection is the beginning of the pre-analytical workflow. Doing everything correctly in this step lays the foundation for the reliable analysis and evaluation in the laboratory. The correct use of suitable products is indispensable for this:

- Beginning with preparation for collecting blood, our **disposable tourniquets** are the suitable solution for your hygiene standards.
- In addition to the **S-Monovette®** for venous blood collection and the **Microvette®** for capillary blood collection, we have additional **specimen tubes for collecting saliva, urine, stool, and CSF**.
- For the safe disposal of needles, various versions of our **Multi-Safe disposal boxes** are available.
- Centrifuge immediately after collection of the sensitive specimen material with our SC2700 **benchtop centrifuge** for up to 2,700xg
- Make the future the present by digitalizing your pre-analytics with the **S4DX system** and optimize your processes with **pre-barcode specimen tubes**.

## Direct transport

The specimen is transported immediately after collection. Factors such as compliant packaging and rapid forwarding are crucial. An undamaged specimen that is transported to the laboratory quickly and safely is the basis for the proper analysis of the requested parameters.

- For transport from the local practice to the laboratory and for internal laboratory transports, SARSTEDT has the appropriate products:
- The ultra-modern **transport system Tempus600®** sends specimens directly to the laboratory immediately after collection.
- With our **shipping boxes** diagnostic specimens are transported by mail according to ADR/IATA regulations.
- For transporting specimens by courier according to ADR/UN3373, our **transport cases** with various shapes and features are well suited.
- Monitor your specimen transport for time, temperature and impacts with the **S4DX Courier System**.

Pre-barcode tubes and digital pre-analytics



Storage systems



Specimen collection tubes



Multi-Safe Disposal boxes



✓ Optimal specimen quality

✓ Reliable archiving

Tempus600® Specimen transport



## Automated sorting & distribution

When the specimens are delivered to the laboratory, the preparatory process steps for analytics begin. The goal is the timely, high-quality and economic processing of the examination material.

Automation adapted to the requirements of the laboratory is an essential prerequisite for an efficient workflow:

- Use our **BulkSorter BL1200** for the automated specimen receipt and order-related distribution of specimen tubes.
- The **AL-Flex aliquoter** labels each secondary tube with a copy of the primary barcode and pipettes the required volume into it.
- You can configure the modular **High Speed Sorter HSS** according to your wishes. The HSS system can thus be coordinated precisely to the requirements of your laboratory environment.

## Reliable archiving

Archiving the specimen is the end of the laboratory workflow. Storage systems that allow safe handling of specimens and effective use of the available storage space play an important role in this step.

Use the solutions and systems from SARSTEDT for the optimal and efficient planning of your workflow:

- With or without false bottoms, our **secondary tubes** are custom designed especially for laboratory automation and facilitate reliable specimen storage.
- Our **various closures such as screw caps or stoppers** are suitable both for manual and automated closure of the different specimen tubes.
- The SARSTEDT **block racks** allow safe, space-saving storage of specimens due to their various sizes and colors.

Closures



Secondary tubes



✓ Direct transport

Specimen transport case



✓ Automated sorting & distribution

HSS High Speed Sorter



Postal Shipping Systems



AL-Flex Aliquoter



Bulk Sorter BL 1200



More information on the Internet



workflow.sarstedt.com



Go with the flow with SARSTEDT. Rely on the expertise and experience of a leading global provider.



## SARSTEDT AG & Co. KG

P.O. Box 12 20  
D-51582 Nümbrecht

Phone: +49 2293 305 0  
Fax: +49 2293 305 3450

Customer Service Germany  
Phone +49 (0)800 0 83 305 0

[info@sarstedt.com](mailto:info@sarstedt.com)  
[www.sarstedt.com](http://www.sarstedt.com)



More information,  
videos and advice:  
[workflow.sarstedt.com](http://workflow.sarstedt.com)

If you have any questions:  
We'd be happy to help!

Visit our website: [www.sarstedt.com](http://www.sarstedt.com)