

# Let's work together

360° solutions for your  
pre-analytics



# Pre-analytical workflow engineered by SARSTEDT



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

Pre- and post-analytical workflow include the processes before and after actual laboratory analysis: collection, transport, receiving and distribution of specimens in the laboratory and storage of specimens after analysis. All process steps of this workflow are important for an optimal analytical result.

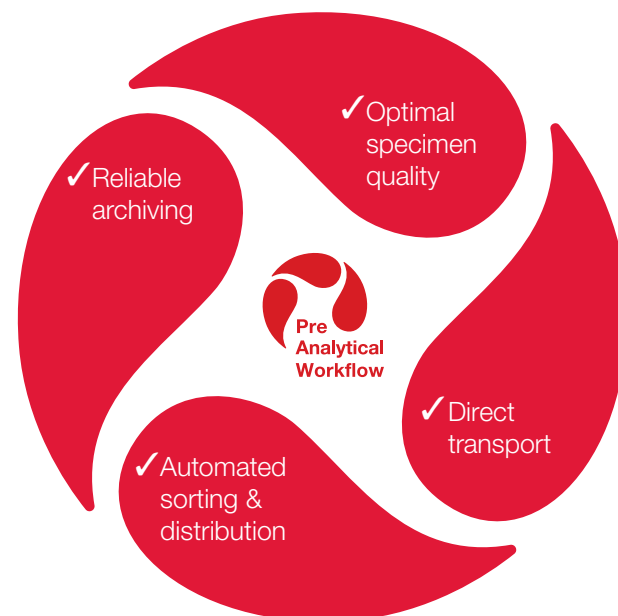
SARSTEDT gives you holistic, coordinated products and systems that are combined in the pre-analytical workflow product range. Take advantage of our systematic synergies.

Let's work together.



### 360° solutions for your pre-analytics

Take advantage of our systematic synergies.



### We advance 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 advanced 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 improvement.



# 360° solutions

From specimen collection to archiving – in the most capable hands



## Optimal specimen quality

Optimal specimen collection is the beginning of pre-analytical workflow. Doing everything correctly in this step lays the foundation for 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

## 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 critical for 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 sophisticated **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.

Pre-barcode tubes



Specimen collection tubes



Storage systems



Multi-Safe Disposal boxes



✓ Optimal specimen quality

✓ Reliable archiving

Tempus600® Specimen transport



## Automated sorting & distribution

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

Specialized laboratory automation is an essential prerequisite for an efficient workflow:

- Implement our **BulkSorter BL1200** for automated receiving 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 needs. The HSS system can thus be customized precisely to the requirements of your laboratory.

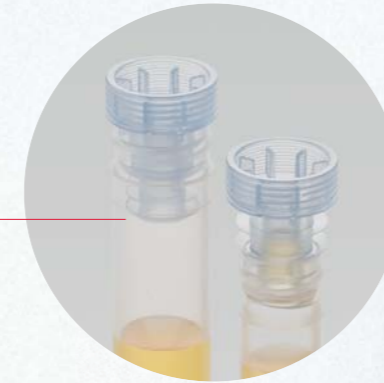
## Reliable archiving

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

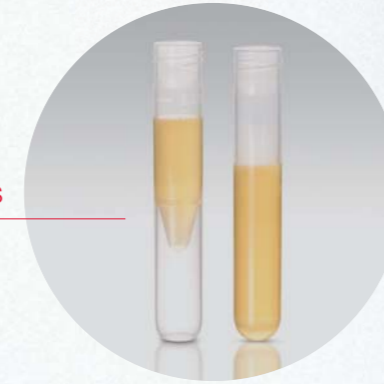
SARSTEDT offers solutions and systems for optimal and efficient planning of your workflow:

- 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 specimen tubes.
- SARSTEDT **block racks** allow safe, space-saving storage of specimens in a range of sizes and colors.

Closures



Secondary tubes



✓ Direct transport

Specimen transport case



✓ Automated sorting & distribution

HSS High Speed Sorter



AL-Flex Aliquoter



Postal shipping systems



Bulk Sorter BL 1200



## More Information



workflow.sarstedt.com

## SARSTEDT, Inc.

1025 St. James Church Road  
P.O. Box 468  
Newton, NC 28658 - 0468

Toll free: +1 800 257 5101

Fax: +1 828 465 4003

Customer Service Germany

Phone +49 0800 0 83 305 0

[customerservice.us@sarstedt.com](mailto:customerservice.us@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)