

Blood collection using the S-Monovette®

The route to the perfect result



1. Preparation

Apply the barcode label

Barcode line

Disinfect according to the internal hygiene plan

Constriction <math><1\text{min}</math>

Disinfection

A hand's width above the puncture site

Recommended order of draw

According to Gurr ¹ :	According to CLSI ² :
Blood culture	Blood culture
Serum/serum-gel blood	Citrate blood
Citrate blood	Serum/serum-gel blood
Heparin/heparin-gel blood	Heparin/heparin-gel blood
EDTA blood	EDTA blood
Fluoride/citrate-fluoride blood (S-Monovette® GlucoEXACT)	Fluoride/citrate-fluoride blood (S-Monovette® GlucoEXACT)

¹ Gurr et al "Musterstandardarbeitsanweisung Präanalytik" J Lab Med 2011
² CLSI GP41 Procedures for the Collection of Diagnostic Blood Specimens by Venipuncture, Approved Guideline

2. Blood collection

Aspiration technique – gentle blood collection

Before puncture: Forewarn the patient

Vacuum technique³ – blood collection with fresh vacuum

As a rule, SARSTEDT recommends filling the first S-Monovette® using the aspiration technique so that the blood collection starts gently.

3. Sample handling & disposal

Fill CORRECTLY for accurate results

- Citrate
- ESR
- EDTA
- Citrate fluoride (S-Monovette® GlucoEXACT)

Turn upside down carefully several times

- Citrate, CTAD
- PFA
- ESR
- Heparin
- EDTA
- ThromboExact
- Fluoride, CPDA₁
- Citrate fluoride (S-Monovette® GlucoEXACT)

Store and transport correctly

After blood collection: Store S-Monovette® Serum/Serum-Gel upright for 30 minutes and transport upright

Activation via single-handed operation

We would like to point out that the topics addressed here ("Blood collection using the S-Monovette®") are recommendations only and do not, under any circumstances, replace medical, scientific or technical advice.

³ If a citrate sample is to be taken first, it is recommended to take an empty tube beforehand.
 As a rule, SARSTEDT recommends filling the first S-Monovette® using the aspiration technique so that the blood collection starts gently. The collection can then continue using the vacuum technique.
⁴ You can also activate the needle protector with your index finger. For reliable function, ensure that this is done at the bottom end of the protector.