

User Guide

Aspiration Principle

- a. Immediately prior to venous puncture, push S-Monovette® onto Safety-Needle and secure by slightly twisting clockwise (①+②).
- b. Puncture vein, loosen tourniquet and withdraw plunger slowly. Wait until blood flow stops.
- c. Remove S-Monovette® from Safety-Needle by slightly twisting anti-clockwise (③+④). Safety-Needle remains in vein.
- d. For multiple sampling, secure subsequent S-Monovettes onto Safety-Needle and collect further samples as described above.

Completion of blood collection:

Remember: Detach S-Monovette® (③+④) first, then withdraw Safety-Needle. Place the needle protector on a stable, flat surface and slightly press the needle downwards until it locks into the needle protector with a noticeable and audible "Click".

- e. Gently invert several times to mix sample(s) with anticoagulant(s)!
- f. For transportation and centrifugation, lock piston into S-Monovette® base and break off plunger (⑤).

Vacuum Principle

Prior to blood collection, the S-Monovette® Safety-Needle must already be in the vein. Either puncture the vein directly with the Safety-Needle or collect the first sample using the aspiration principle – then apply the vacuum principle.

- a. Prior to blood collection, lock piston into S-Monovette® base. Once secured, the plunger must be snapped off (①).
- b. Push S-Monovette® onto the Safety-Needle and secure by slightly twisting clockwise (②+③). Loosen tourniquet.
- c. Wait until blood flow stops.
- d. Remove S-Monovette® from Safety-Needle by slightly twisting anti-clockwise (④+⑤). Safety-Needle remains in vein.
- e. For multiple sampling, secure subsequent S-Monovettes onto Safety-Needle and collect samples as described above.

Completion of blood collection:

Remember: Detach S-Monovette® (④+⑤) first, then withdraw Safety-Needle from the vein. Place the needle protector on a stable, flat surface and slightly press the needle downwards until it locks into the needle protector with a noticeable and audible "Click".

- f. Gently invert several times to mix sample(s) with anticoagulant(s)!