

Streck ESR-Vacuum Tube Phlebotomy Guideline (2008-06, 880013)

Source: Streck

Information in this guideline is subject to change without notice. Streck provides this guideline for qualified laboratory personnel who perform routine venipuncture using Streck ESR-Vacuum Tubes. Streck assumes no responsibility for protocols generated from this guideline.

Tube Configurations:

- 2.0ml ESR-Vacuum Tubes, box of 100 tubes, 240320
- 1.2ml ESR-Vacuum Tubes, box of 100 tubes, 240360
- 1.2ml Safety Coated ESR-Vacuum Tubes, box of 100 tubes, 240377
- 1.2ml High Altitude ESR-Vacuum Tubes, box of 100 tubes, 240213

Phlebotomy highlights:

1. Follow the CLSI Approved Standard "Procedures for the Collection of Diagnostic Blood Specimens by Venipuncture", CLSI Document H03 (formerly NCCLS Document H3).
2. Insert the ESR-Vacuum tube into the plastic holder and hold the tube so the cap is flush against the needle holder as the sample is being collected.
3. Angle the tube so the blood stream hits the tube wall before mixing with the citrate solution to minimize the formation of bubbles.
4. Watch for an air bubble to rise in the sample as the tube fills to indicate the draw is complete and remove the tube immediately.
5. The ideal fill level and acceptable fill range are indicated on the tube.

1.2ml ESR-Vacuum Tubes: 60mm ± 5mm
2.0ml ESR-Vacuum Tubes: 100mm ± 8mm

6. It is *especially* important to mix Streck ESR-Vacuum Tubes thoroughly by inverting them 8-10 times due to their smaller tube diameter and draw volumes (1.2ml and 2.0ml) compared to an EDTA tube.
7. Prior to analysis, thoroughly mix the sample again. Rotating the tubes on the ESR-657 Mixer for three minutes is adequate.
8. Samples can be maintained from the time of blood collection for up to 72 hours prior to analysis when transported and/or stored at 2-10° C, or up to 4 hours at 18-30° C.
9. Refer to the ESR-Vacuum Tube Instructions For Use (IFU) and ESR-Auto Plus or ESR-100 Operator Manual, "Sample Handling" section, for more details.