
ESR STUDY QUESTIONS

Name_____

Date_____

1. What is the purpose of the ESR assay?

2.State the normal range for ESR in (state reporting units)

Men? _____ Women? _____

3.State the specimen requirement for ESR and time limits for performing the test.

4.What is the required time for performing a sed rate or ESR?

5.List the 4 sources of technical errors and describe the results when these errors occur.
In other words, is the ESR increased or decreased as a result of the error?

6. List the RBC factors and describe their effects on the ESR.

7.List the plasma factors and describe their effects on the ESR.

8. Is the ESR ↑ or ↓ or normal in the following conditions?

- A. Sickle cells present
- B. Increased room temperature
- C. Unlevel ESR rack
- D. Nearby centrifuge in use
- E. Elevated plasma immunoglobulin
- F. Rouleaux
- G. Disseminated intravascular coagulation
- H. PID (pelvic inflammatory disease)
- I. Appendicitis
- J. Osteoarthritis
- K. Rheumatoid arthritis
- L. Ectopic pregnancy

9. What is the name of the ESR method that the Westergren method replaced?