Satellite Labs

Erythrocyte Sedimentation Rate Competency

1: It is useful for diagnosing diseases, such as temporal arteritis, polymyalgia rheumatica, various auto-immune diseases, systemic lupus erythematosus, rheumatoid arthritis, and chronic kidney diseases.

A. Acute lymphoblastic leukemia

B. Burkitt's lymphoma

C Follicular lymphoma

D. Multiple myeloma

2: Is an acute phase protein that is produced by the liver during an inflammatory reaction.

A. Haptoglobin

B. Reference ranges for blood tests

C. Serology

D. C-reactive protein

3: The erythrocyte sedimentation rate (ESR), also called a sedimentation rate or Biernacki Reaction, is the rate at which \_ precipitate in a period of 1 hour.

A. Platelet

B Red blood cell

C. Hematology

D. Blood plasma

 4: To perform the test, anticoagulated \_\_\_\_\_\_is placed in an upright tube, known as a Westergren tube, and the rate at which the red blood cells fall is measured and reported in mm/h.

A. Blood plasma

B Blood

C Platelet

D. Hematology

 5: ESR reference ranges from a large 1996 study with weaker

A. Student's t-distribution

B Confidence interval

C Normal distribution

D Statistical hypothesis testing

 6: Rouleaux formation can also occur in association with some lymphoproliferative disorders in which one or more \_\_\_ are secreted in high amounts.

A. Immune system

B. Adaptive immune system

C. Autoantibody

D. Antibody

7: It is a common hematology test which is a non-specific measure of

A. Meningitis

B. Inflammation

C. Leukocyte extravasation

D. Vasculitis

 8: The ESR is governed by the balance between pro-sedimentation factors, mainly , and those factors resisting sedimentation, namely the negative charge of the erythrocytes (zeta potential).

A Fibrin

B Plasmin

 C Coagulation

D Antithrombin

Source: The Full Wiki (http://quiz.thefullwiki.org/Erythrocyte\_sedimentation\_rate)

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