

PLATELETS ANALYSIS

1. Approximately how many platelets are in a megakaryocyte?
 - A. 5000
 - B. 4000
 - C. 1000
 - D. 100
2. The life span of a platelet is about how many days?
 - A. 12-15 days
 - B. 4-6 days
 - C. 7-10 days
 - D. 30-35 days
3. The main function of a platelet is.
 - A. Oxygen transport
 - B. Immune response
 - C. Hemostasis
 - D. Carbon Dioxide transport
4. In Immune Thrombocytopenia Purpura (ITP) the platelet count will be.
 - A. Increased
 - B. Decreased
 - C. Normal
 - D. Normal to increased
5. Name some clinical importance of a platelet count?
 - A. Screening for disease
 - B. Management of Thrombocytopenia
 - C. Monitoring patient on chemotherapy
 - D. All of the above
 - E. None of the above
6. Name some methods use in counting platelets.
 - A. Manual chamber counts
 - B. Single channel analyzer
 - C. Multichannel fully automated analyzer
 - D. All of the above
 - E. None of the above
7. In an aperture Impedance System the platelet count is performed in triplicate count.
 - A True
 - B False

8. In the platelet count and sizing the raw data is accumulated from _____ to _____ Femtoliters.
- A. 2 to 20 Fl
 - B. 2 to 70 Fl
 - C. 0 to 70 Fl
 - D. 0 to 20 Fl
9. In the platelet count and sizing the log normal fitted curve is plotted from _____ to _____ Femtoliters.
- A. 50 to 100 Fl
 - B. 10 to 60 Fl
 - C. 0 to 20 Fl
 - D. 0 to 70 Fl
10. In platelets studies by Flow Cytometry monoclonal antibodies are available for research studies of:
- A. Platelet Function
 - B. Platelet Activation
 - C. Adhesion Studies
 - D. All of the above
 - E. None of the above

