

Duffy Questions:

1. Are the Duffy antigens well developed on fetal red cells?
2. What are the 3 alleles inherited at the *Fy* locus?
3. What is the most common Duffy phenotype in Caucasians?
4. What is the most common Duffy phenotype in Africans?
5. Are the Duffy antigens destroyed or enhanced when treated with enzymes?
6. Are the Duffy antibodies usually IgM or IgG?
7. At what temperature do the Duffy antibodies react best?
8. Which Duffy antibody is most commonly seen?
9. Do the Duffy antibodies cause transfusion reactions and HDFN?
10. Do the Duffy antibodies bind complement?
11. Describe how the *Fy(a-b-)* phenotype is formed in the black population?
12. Why don't blacks with the *Fy(a-b-)* phenotype usually make anti-*Fy(b)*?
13. Describe how the *Fy(a-b-)* phenotype is formed in the white population?
14. Describe the characteristics of *Fy(x)*.

15. What group of individuals are capable of making an anti-Fy3 antibody?

16. What group of individuals are capable of making an anti-Fy5 antibody?

17. Why is much of the African population immune to malaria?