

Kidd Questions:

1. What are the 3 antigens in the Kidd system?
2. What is the function of the Kidd glycoproteins?
3. Are the Kidd antigens well developed on fetal red cells?
4. What is the most common Kidd phenotype in the white population?
5. What is the most common Kidd phenotype in the black population?
6. In what population is the null phenotype Jk(a-b-) most commonly seen?
7. Do Kidd antibodies show dosage?
8. Do the Kidd antibodies bind complement?
9. At what temperature do the Kidd antibodies react best?
10. Why are Kidd antibodies many times seen to cause transfusion reactions?
11. What alleles must an individual inherit to demonstrate a true Jk(a-b-) null phenotype?
12. What characteristic (other than the phenotype) can help identify Jk(a-b-) RBCs?
13. What will happen to the Kidd antigens if an individual inherits the Dominant In(Jk) allele?
14. Can an individual who inherits the In(Jk) allele make an anti-Jk3?