





**ABID Case #5**

1. What is the probable identity of this antibody?
2. Comment on the varying strength of reactivity of the serum in the initial panel and in the various test systems used.
3. Is any further workup needed to prove it?
4. What is the probable immunizing stimulus in this case?
5. Does this antibody cause hemolytic transfusion reactions? Hemolytic disease of the newborn?
6. How would we select compatible RBCs for this patient? What percent of donors is expected to be compatible with this recipient?
7. What is the biochemical nature of the antigen? Which cells in the panels above likely come from African-American donors? (Review the relevant blood group system, including disease associations and racial differences in antigen prevalence for this and other antigens.)