PHYSICAL ANTHROPOLOGY LAB #2

PEDIGREE ANALYSIS, BLOOD TYPING

OBJECTIVES: To understand how genetic traits are traced in related individuals (modes of inheritance), the genetics and immunology of multiple alleles in human blood, and to determine individual ABO and Rh blood types.

READING: Chapter 2 (pp.45-53) in the lab manual and Chapter 15 in Jurmain et al.

EXERCISES:

1. Complete the questions in Exercise 2.4 on pp. 49-50 in the lab manual.

2. Complete the questions in Exercise 2.5 on p. 51-53 in the lab manual.

3. Using the materials provided, determine your ABO and Rh blood types and record your results:

   ABO Blood type: ___________ Possible genotype(s): _______________
   Rh Blood type: ___________ Possible genotype(s): _______________