

## **LABORATORY OBJECTIVES—Lab #9**

After completing this laboratory assignment, the student should be able to:

1. Identify and give the function of the four major organs of the urinary system.
2. Identify and give the function of the major anatomical features of the kidney.
3. Identify the parts of the nephron.
4. Explain the difference between cortical and juxtamedullary nephrons.
5. Describe the three physiological functions of the nephron which result in the formation of urine.
6. List the normal organic and inorganic constituents of urine.
7. Distinguish between normal and abnormal appearance, color, and transparency of urine.
8. Perform specific gravity determinations on urine samples.
9. Perform Combi Stix tests for urine constituents and recognize normal values for each.