

BIOLOGY 11 - PRE-LAB EXERCISE

10

Name:

Lab Day & Time:

IMMUNE SYSTEM
Blood Typing and ELISA

Review Chapter 9 in your textbook and the introduction of Lab #10 and answer the following questions:

What is an antigen?

What is an antibody?

What is agglutination?

Review “ABO Antigen System” and the “ABO Antibodies and Antigens” sections of Lab #10 and answer the following questions:

What type of antigens would people of the following blood types produce?

Type A:

Type B:

Type AB:

Type O:

What type of antibodies would people of the following blood types produce?

Type A: (anti-B antibodies)

Type B:

Type AB:

Type O:

Review “ELISA” section (page 11) of Lab #10 and answer the following questions:

What does ELISA stand for?

What can/does ELISA test for?

