

Name _____ Date _____/14 points

MLAB 2361 Clinical II
Immunoematology Assignment
D Control

1. What is the D control composed of? (1 point)
2. What is the expected reaction when the D control reagent is added to a suspension of patient or donor red blood cells? (1 point)
3. Evaluate each row of reactions in the table below. (6 points)
 - a. Check “yes” or “no” as to whether or not a D control must be performed. Remember, the D control is usually run under certain circumstances.
 - b. Write the interpretation of the ABO/D type in the last column.

	Anti-A	Anti-B	Anti-D	D control needed		Interpretation
				Yes	No	
a	4+	0	0			
b	0	4+	4+			
c	4+	4+	4+			

4. What is the D control “controlling” for a patient who is AB positive? (1 point)
5. What is the D control “controlling” for a patient who is D negative? (1 point) Remember, our laboratory does perform D controls on patients who are AB positive and newborns.
6. What specifically is anti-human globulin (AHG) serum? (1 point)
7. What purpose does the AHG serve in the testing procedure for weak D? (1 point)
8. What are “check” cells? (1 point)
9. What purpose do check cells serve in the testing procedure AND what is the expected reaction? (1 point)