

Activity 5 & 6
Physical and Chemical Analysis of Urine Worksheets

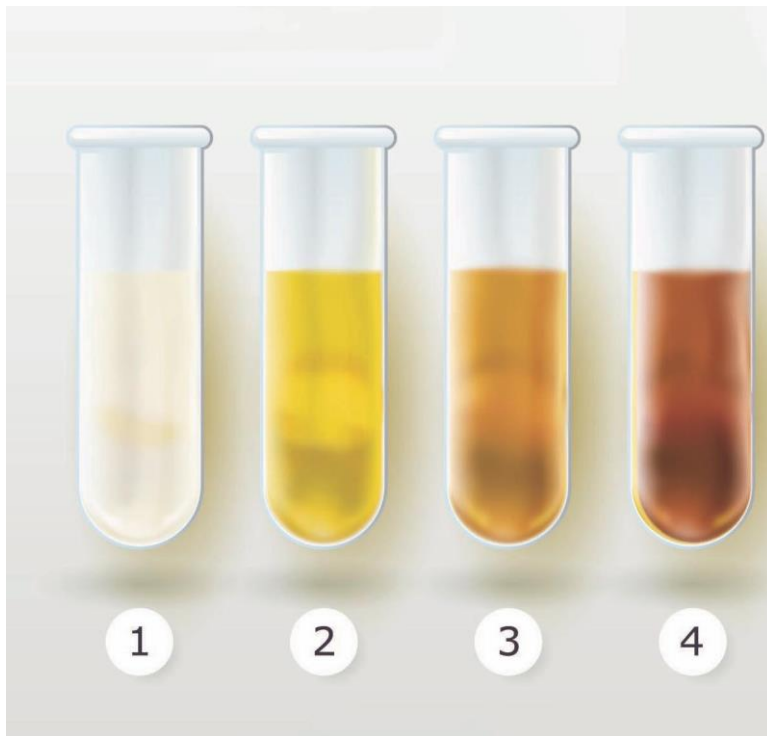
Directions: Please read each question carefully. Failure to follow instructions and late submissions (without a valid excuse) will be subjected to deduction of points as per virtual classroom policy.

FOR THE QR CODE FORM. Kindly key-in the result for:

- I. Physical Examination of Urine
 - A. #2
 - B. #1
- II. Chemical Examination of Urine
 - A. Specific Gravity (SG) only

I. PHYSICAL EXAMINATION OF URINE:

- A. Identify the color of urine.



- 1. Straw
- 2. Amber
- 3. Orange
- 4. Brown

B. Specify the clarity of urine.



1. Clear



2. Turbid

II. CHEMICAL EXAMINATION OF URINE

	Reagent pad							Test Result	
LEU	leucocytes	negative	trace	small	moderate	large			
									1. 2+
SG	specific gravity	1.000	1.005	1.010	1.015	1.020	1.025	1.030	2. 1.010

For the Leukocyte pad result, please indicate whether the result is negative, trace, 1+, 2+ or 3+.

III. FOLLOW-UP QUESTIONS

1. What type of urine specimen is preferred for routine chemical testing?
2. What will happen if refrigerated specimen is not brought to room temperature before testing with reagent strip method?

ANSWERS:

1. First morning specimen is the preferred specimen for routine chemical testing. Since the urine is more concentrated therefore, contains high level of cellular elements, has less chance of giving a false negative result, and abnormalities are detected easier.
2. When a specimen is not in room temperature before testing, it may give a false negative result.