# **Lab 10: Renal function**

## **Post-Lab Repor (15 pts)**

**Name(s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) (4 pts) Trace (follow) an inulin molecule from the glomerulus to the medullary collecting duct. Discuss how this trace could/would be different if you were tracing a molecule of a) Glucose and b) Creatinine

2) (5 pts) Create a spreadsheet to record the values for *at least* 3 of the unknown urine samples that you tested. Paste the spreadsheet below. Discuss why the values make sense in light of “who” the unknowns are.

3) (6 pts) Create a spreadsheet to record the values for the simulated urine volume experiment (Activity 3). Paste the spreadsheet below. Discuss the logic you used for the values (up, down or no) that you indicated for each variable.