

## URINALYSIS

14-May-09

- 1 Void bladder, drink a MINIMUM of 12 fluid ounces of water! Record the time.
- 2 after exactly one hour, collect ALL urine you have produced in that time, record the time
- 3 Pour urine into a graduated cylinder large enough to hold it all. Record volume in mL
- 4 Place a urinometer gently into its cylinder, fill with urine until it floats.
- 5 Read the urinometer (a challenge...) and record the specific gravity (between 1.001 and 1.035)
- 6 Pour urine back into the collection vessel.
- 7 Dip a urinalysis strip into your urine to immerse all pads.
- 8 Allow to set for specified time ,read and record all results (10 in this case)
- 9 Set up vitamin C titration apparatus. Measure out 10.0 mL urine into each of three flasks with Rxn Mix.
- 10 Titrate the vitamin C in each, perform calculations to determine the mg Vit C excreted per hour.
- 11 Clean up all glass ware, dispose of urine down sink with cold water.
- 12 Enter your data into the computer.

### Urinalysis (Multistix 10 SG) results:

14-May-09

time	parameter	reading
2 minutes	leukocytes	
1 minute	Nitrite	
1 minute	Urobilinogen	
1 minute	Protein	
1 minute	pH	
1 minute	Blood	
45 sec	Specific Gravity	
40 sec	Ketone	
30 sec	Bilirubin	
30 sec	glucose	

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