

Name: Ukaegbu Kelechi Jane
Matric no.: 18/mhs02/187
Department: Nursing
Course: Physiology

Assignment

CHARACTERISTICS OF URINE

Urine is the waste product secreted by the kidney. It's characteristics include:

1. Colour (yellow-Amber)
2. Smell (odourless)
3. pH (Normal range 4.6-8)
4. Specific gravity (0.010-0.025)
5. Turbidity (The turbidity of the urine sample is gauged subjectively as clear, slightly cloudy,cloudy, opaque or flocculent. Fresh urine is clear.

COMPOSITION OF URINE

Urine is composed mainly of water, but it also includes nitrogenous molecules like urea as well as creatinine and other metabolic waste components.

1. Water- <95%
2. Urea - 9.3g/l
3. Chloride - 1.87g/l
4. Sodium - 1.17g/l
5. Potassium - 0.750g/l
6. Creatinine - 0.670g/l
7. Uric acid
8. Ammonia
9. Phosphates
10. Sulphate
11. Oxalates