

CHARACTERISTICS(AND COMPONENTS) OF URINE

Urine is clear and amber in color due to the presence of the pigmented substance urobilin. The specific gravity is between 1.003-1.032 , and the pH is around 6 (normal range 4.5-8). Fresh urine has light aromatic odor . if stored for some time , the odor becomes stronger due to bacterial decomposition. A healthy adult passes from 1000 to 1500 ml per day. The volume of urine produced and the specific gravity vary, according to fluid intake and the amount of solute excreted. The constituents of urine are :

- Water 96%
- Urea 2%
- Uric acid 2%
- Creatinine 2%
- Ammonia 2%
- Sodium 2%
- Potassium 2%
- Chlorides 2%
- Phosphates 2%
- Sulphates 2%
- Oxalates 2%