

# Values

Name	Value	Comment
Serum Creatinine التحويل Milligram/decimeter $\times 88.4$ $\mu\text{mol/L}$	55-120 $\mu\text{mol/L}$ Or (different unit ) 0.8-1.4 mg/dl	-Less than 55 :muscle wasting -55-120: healthy <u>or</u> kidney disease not present yet -More 120: kidney disease
Creatinine clearance	20- 40 years : 110 ml/min Above 80 years : 70 ml/min	In female : 80 – 125 ml/min In male : 90-140 ml/min
Serum urea	2.5-6.6 mmol/L	
K constant, in Cockcroft-Gault Formula	1.23 for male 1.04 for females.	Will be given in exam
Urine excretion	1.5 L per day	
Protein in urine	<200 mg/day	
Bence –jones protein	coagulate at 40–60 C Dissolves at 100 C	Type of antibody present in multiple myeloma
Microalbuminuria	20-200 mg/L of albumin in urine	
Hypercalciuria	Men > 7.5 mmol/day Women > 6.2 mmol /day	
Primary hyperoxaluria	>400 $\mu\text{mol/day}$	
Urine PH stones	PH>8	If the urine PH>8 suggest that UTI its the cause ( mg amm Po4) stones

Name	Value
<b>SODIUM</b>	<b>135 to 145 mEq/L</b>
POTASSIUM	3.5 to 5.5 mEq/L
CHLORIDES	100 to 110 mEq/L
BICARBONATE	24 to 26 mEq/L
CALCIUM	8.6 to 10 mg/dl
MAGNESIUM	1.6 to 2.4 mg/dl
PHOSPHORUS	3.0 to 5.0 mg/dl
URIC ACID	2.5 to 6.0 mg/dl
pH	7.4
<b>CREATININE</b>	<b>0.8 to 1.4 mg/dl</b>
<b>BUN (Blood Urea Nitrogen)</b>	<b>15 to 20 mg/dl</b>