

Chronic Kidney Disease Biochemical Parameters

● = primary marker, ○ = secondary marker, additional interpretations may be appropriate.

Purpose of Evaluating Parameter

	Anemia	Bone Conditions	Dyslipidemias	Electrolyte Balance	Glycemia	Inflammation	Kidney Function	Pro-Energy	Malnutr wasting, etc)	Other (eg. acid base or fluid balance, etc)
Biochemical Parameters * added parameter on 12/12/11										
Glomerular filtration rate, est. (eGFR)									●	
* Creatinine Clearance, 24 hour									●	
Proteinuria									●	●
* Proteinuria, g/24 hours									●	●
Urinary microalbumin:creatinine ratio (MAC)									●	●
* Gfocil (Glomerular Filtration)									●	
Serum creatinine (Cr)									●	●
Blood urea nitrogen (BUN)									●	
Normalized protein nitrogen appearance (nPNA)										●
Serum albumin (Alb)					●		●		●	●
Serum pre-albumin (serum transthyretin)									●	
C-Reactive protein (CRP)							●			
White blood cell count (WBC)		○					●			
Serum sodium (Na)					●					●
Serum potassium (K)					●					
Serum carbon dioxide (CO2)					●					
Serum phosphorus (Phos)			●						●	
Serum calcium, corrected (Ca)			●							
Serum calcium-phosphorus product (CaxP)			●							
Intact plasma parathyroid hormone (iPTH)			●							
Serum 25-hydroxyvitamin D (25 OHD)			●							●
Serum magnesium (Mg)									●	○
Home blood sugar records					○	●		○	○	
Hemoglobin A1C						●				

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Serum glucose (random blood sugar, fasting, premeal, postprandial)					●				
Total Cholesterol			●					○	
Low Density Lipoproteins (LDL)			●						
High Density Lipoproteins (HDL)			●						
Triglycerides			●		○				
Hemoglobin (Hgb)	●								
Serum transferrin saturation (T Sat) or content of hemoglobin in reticulocytes (CHR)	●								
Mean corpuscular hemoglobin (MCH)	●								
Mean corpuscular volume (MCV)	○								
Differential and platelet count	○								
Serum iron (Fe)	●					○			
Serum ferritin	●					●			
Total iron binding capacity (TIBC)	●					○		○	
Absolute reticulocyte count	●					○			
RBC folate	●								
Vitamin B12	●								
Urolith Profile									●