

**Table 1. Clinical Utility**

Analyte	Bone Disease	Acid, Base, Water Balance	Cancer	Diabetes	Endocrine Disorders	Heart Disease	Iron Deficiency, Excess	Kidney Disease	Liver Disease
Alanine Transaminase (ALT, SGPT)									■
Albumin						■		■	■
Alkaline Phosphatase	■		■						■
Aspartate Transaminase (AST, SGOT)									■
Bilirubin, Direct									■
Bilirubin, Total									■
Calcium	■		■		■				
Carbon Dioxide		■							
Chloride		■							
Cholesterol				■	■	■			
Creatinine								■	
Ferritin			■				■		
Gamma Glutamyltransferase (GGT)			■						■
Glucose				■	■				
High Density Lipoprotein (HDL)				■		■			
Iron							■		
Lactate Dehydrogenase (LD)			■			■			■
Low Density Lipoprotein (LDL)				■		■			
Magnesium	■	■				■		■	
Phosphorus (Phosphate)	■				■			■	
Potassium		■			■			■	
Protein, Total		■		■					
Sodium		■			■				
Total Iron Binding Capacity							■		
Triglycerides				■		■			
Urea Nitrogen, Blood		■						■	
Uric Acid			■					■	