



urine preservatives collection and temperature for 24-hour urine specimens

Test Name	Temperature			Preservative option				description
	Ambient 15-25° c	Refrigerate 2-8° c	Forozen <20°c	Boric acid	HCL	Sodium Carbonate	No additive	
Albumin	✓	✓	✓	✓				
Micro Albumin	✓	✓	✓	✓				
Amylase		✓					✓	
Aldostrone	✓	✓	✓	✓				
B2 Microglubulin		✓	✓				✓	
Calcium	✓	✓	✓	✓	✓			
Chloride	✓	✓	✓	✓				
Citrate		✓	✓	✓				
Copper	✓	✓	✓		✓			
Cysteine		✓	✓		✓			
Creatinine	✓	✓	✓	✓	✓			
Cortisol free		✓	✓	✓			✓ (preferred)	
Glucose		✓	✓	✓	✓			
Homovalinic Acid	✓	✓	✓		✓			
5HIAA		✓	✓	✓	✓			
Protein Electrophoresis		✓	✓				✓	
Bence jones		✓	✓				✓	
Immunoelectrophoresis		✓	✓				✓	
Heavy metal (Lead-Mercury-Arsenic)		✓	✓		✓			
Magnesium	✓	✓	✓	✓	✓			
17 Ketosteroid		✓	✓	✓	✓			
Na/K	✓	✓	✓	✓	✓			
Oxalate		✓					✓	
Phosphorous	✓	✓	✓	✓	✓			
Total Protein	✓	✓	✓	✓				
Urea		✓	✓	✓	✓			
Uric Acid		✓	✓	✓				
Zinc	✓	✓	✓		✓			
VMA	✓	✓		✓	✓			
Porphyrine		✓	✓			✓	✓	Protect from light
Epinephrine		✓	✓		✓			Protect from light
Nor epinephrine		✓	✓		✓			Protect from light
Metanephrine		✓	✓		✓			Protect from light
Normetanephrine		✓	✓		✓			Protect from light
Dopamine		✓	✓		✓			

Boric Acid(Crystals) —————> 10 gr per 24 – hour collection

HCL 6M —————> 10-20 ml(15ml)

Sodium Carbonate(Crystals)————> 5gr per 24- hour collection