

Urine Preservative Options (24hrs.) (Table 1)

Test name	Temperature			Boric Acid	HCL 6N	Acetic acid 50%	HNO3 6N	Toluene	Description
	15-25 °C	2-8 °C	≤-20 °C	< 15 y : 5 gr >15 y : 10 gr	< 15 y : 5 cc >15 y : 10 cc	< 15 y : 5 cc >15 y : 10 cc	< 15 y : 5 cc >15 y : 10 cc	< 15 y : 5 cc >15 y : 10 cc	
Albumin	OK	Preferred	OK	OK					
Aldosterone	OK	OK	OK	OK		OK			
Amylase		OK							PH > 7.0
B2 Microglobulin		OK	OK						
Bence Jones Protein		Preferred	OK						
Protein electrophoresis		Preferred	OK						
Calcium	OK	Preferred	OK		OK	OK	OK		
Chloride	OK	Preferred	OK	OK		OK			
Citrate		OK	OK	OK	OK				
Copper	OK	Preferred	OK		OK	OK	OK		
Cysteine		OK	OK		OK			OK	
Creatinine	OK	Preferred	OK	OK	OK	OK	OK	OK	
Epinephrine / Norepinephrine		OK	OK		OK	OK	OK		
Free Cortisol		OK	OK	Preferred		OK			
Glucose		OK	OK	Preferred	OK	OK	OK		
Homovanillic Acid					OK	OK			
5HIAA		OK	OK	OK	OK	OK	OK	OK	Protection from light
Immunoelctrophoresis		Preferred	OK						
Lead	OK	Preferred	OK		OK	OK	OK	OK	
17 Ketosteroids				OK	OK	OK			Protection from light
Micro albumin	OK	Preferred	OK	OK					
Magnesium	OK	Preferred	OK	OK	OK	OK	OK		
Mercury		Preferred	OK		OK	OK	OK	OK	
Metanephrine		OK	OK	OK	OK	OK	OK	OK	Protection from light
Normetanephrine		OK	OK	OK	OK	OK	OK	OK	Protection from light
Dopamine		OK	OK		OK	OK	OK		
Na / K		Preferred	OK	OK					
Oxalate		OK	OK		OK				
Phosphorus	OK	Preferred	OK	OK	OK	OK	OK		
Porphyrine		OK	OK						Protection from light
Protein		Preferred	OK	OK					
Urea		OK	OK	Preferred					
Uric acid		OK	OK	Preferred					
VMA				OK	OK	OK	OK		
Zinc	OK	Preferred	OK		OK	OK	OK		

Ref : Mayo clinic labs.com , Marshfield labs.org , Lab CE.com , Labcorp.com , Tietz Textbook of Clinical Chemistry