



**MANUAL: LABORATORY POLICIES AND SPECIMEN COLLECTION**

**TITLE: 24 HOUR URINE TESTS AND REQUIREMENTS**

**NUMBER: SC27A/04**

**CATEGORY:  
SPECIMEN COLLECTION**

**SUB-CATEGORY:**

**POLICY ADMINISTRATOR:** Laboratory Administrative Collection

**ORIGINAL DATE:** 12/9/08

**REVIEW CYCLE:**  
Annually

**POLICY SPONSOR:** Laboratory Medical Director

**LAST REVISION DATE:** 11/5/14

URINE TEST NAME	ADDITIVE	REFRIGERATE	OTHER REQUIREMENTS
Bence Jones	None	Yes	
Calcium	10 mL 6N HCL	No	
Catecholamines, Fract	25 mL 6N HCL	No	
Citric Acid (Citrate)	None	Yes	
Cortisol	None	Yes	
Creatinine	None preferred, but 6N HCL or Boric Acid can be used if collected with other tests	Yes	
Creat. Clearance	None	Yes	1 mL Serum
Cystine	None		Submit frozen.
Delta Amino-Levulinic Acid	25 mL 6N HCL	Yes	Protect from light.
Heavy Metal Group	25 mL 50% Acetic Acid	Yes	
Homovanillic Acid	25 mL 6N HCL	Yes	
17-Hydrocorticosteroids	25 mL 50% Acetic Acid	Yes	
5-HIAA	25 mL 6N HCL	No	
Iron	None	Yes	
17-Ketogenic Steroids	25 mL 50% Acetic Acid	No	
17-Ketosteroids	25 mL 50% Acetic Acid	Yes	
Magnesium	25 mL 50% Acetic Acid	Yes	
Metanephrines	25 mL 6N HCL	No	
Methylmalonic Acid	None	Yes	
Oxalic Acid	25 mL 6N HCL	No	
Phosphorous	30 mL 6N HCL	No	
Porphyrins, Quant	5g sodium carbonate	Yes	Protect from light.
Protein	None	Yes	
Sodium	None	Yes	
Urea Nitrogen	30 ml 6NHCL	Yes	
Uric Acid	10 ml 5% NaOH	No	
Vanillylmandelic Acid	25 mL 6N HCL	No	