APPENDIX—Urine Preservative Priority List

The preservative should be chosen in the priority order listed below. If there is not a common preservative listed for a combination of tests, separate collections should take place.

TEST	1st CHOICE	2nd CHOICE	COMMENTS	Preferred Collection Period
Aldosterone	10 g Boric Acid	20 mL 50% GAA	20 mL 50% HCl also acceptable	24 hr
Amylase	Refrigerate			2 hr, 24 hr
Arsenic	Refrigerate			
Calcium	Refrigerate	20 mL 50% GAA	20 mL 50% HCl also acceptable	24 hr
Catecholamines	25 mls of 6N HCl		pH 1-3	24 hr
Citrate	10 g Boric Acid		pH 4-7	24 hr
Copper	Refrigerate			24 hr
Cortisol, Free	Refrigerate	10 g Boric Acid		24 hr
Creatine	Refrigerate			24 hr
Creatinine Clearance or Creatinine	Refrigerate	50% GAA (24 hr)	Do Not Use GAA for 6 hr collection	6 hr or 24 hr
Cystine, Quantitative	10 g Boric Acid	10mL 6N HCl		Random, 24 hr
Delta Aminolevulinic Acid	Refrigerate		Protect from light	24 hr
Heavy Metal Panel	Refrigerate			
Homovanillic Acid (HVA)	Refrigerate			24 hr
5-Hydroxyindole Acetic Acid (5-HIAA)	25 mls of 6N HCl		pH 1-3	24 hr
Immunoelectrophoresis	Refrigerate			Random, 24 hr
17-Ketosteroids	Refrigerate	6N HCl	pH 2-4	24 hr
Lead	Refrigerate			24 hr
Mercury	Refrigerate			24 hr
Metanephrines	25 mL of 6N HCl		pH 1-3	24 hr
Oxalate	25 mL of 6N HCl	50% Acetic Acid	pH 1-3	24 hr
Protein	Refrigerate			Random, 24 hr 24 hr preferred
Protein Electrophoresis	Refrigerate			Random, 24 hr
VMA	25 mls of 6N HCl		pH 1-3	24 hr

Refrigeration requirements should be interpreted as follows:

1. Place the specimen in the refrigerator or on ice during the collection period (use no preservative). Deliver within 1–2 days.
2. If the specimen cannot be kept cold, collect at room temperature and deliver as soon as possible.

Check the Test Listing for complete collection instructions.