

Timed Urine Collection Requirements

Test ID	Test Name	Preservative/Storage	Patient Directions	Site	Other
1004 UADL	Aldosterone, 24 Hr Urine	25 mL 50% Acetic Acid at collection start 15 mL 50 % Acetic acid for children <5 Must be added at collection START		Mayo	Alt preservatives: Boric Acid
1064 UALA	ALA; Delta ALA Delta Aminolevulinic Acid	25 mL 50% Acetic acid at collection start 15 mL 50 % Acetic acid for children <5 Must be added at collection START Refrigerate during collection Protect from light	Random samples are acceptable for patients <5 years old specimen *No alcohol 24 hours prior to or during collection*	Mayo	Alt preservative:
1295 1295	Aluminum, 24 Hr Urine Aluminum, Random Urine	No Preservative required 24 hour collection Refrigerate within 4 hr. collection completion Random specimen cup		Mayo	Alt preservatives: 6N HCL 50% Acetic Acid 6N HNO3
1295	Arsenic	No preservative required 24 hour collection Refrigerate within 4 hr. collection completion	No seafood 48 hrs prior to collection start or during collection	Mayo	Alt preservatives: 6N HCL 50 % Acetic Acid
1377 UAM24 1376 UAMYR	Amylase, Timed Urine Amylase, Random urine	No preservative required		Sparrow	None
10719 UIFE2	Bence Jones Protein also known as Urine IFE	Random first morning specimen best Can use 24 hour collection -no preservative		Sparrow	NO Preservatives
1295	Cadmium, Urine	No preservative required 24 hour collection. Refrigerate within 4 hrs of completion		Mayo	Alt preservatives: 6N HCL, 6N HNO3 50% Acetic Acid
1029 UCA24 1368 UCAR	Calcium, 24 Hr Urine Calcium, Random	No preservative needed during collection		Sparrow	

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1037 UCATF	Catecholamine, 24 Hr Fractionation includes: Epinephrine, Dopamine Norepinephrine	25 mL 50% Acetic Acid. 15 mL 50 % Acetic Acid children <5 Must be added at collection START		Mayo	Alt preservatives: 6N HCL 6N HNO3 Boric Acid
1392 UCL24 1380 UCLR	Chloride, 24 Hr Urine Chloride, Random Urine	None	If no preservative used, sample needs continuous refrigeration	Sparrow	10 gms Boric Acid
10744 CRU	Chromium, 24 Hr Urine	No preservative Refrigerate within 4 hr. collection completion		Mayo	No acceptable preservative
6765 CITRA	Citrate (Citric Acid), 24 Hr Urine	None Refrigerate during collection		Mayo	10 grams Boric Acid
1054 UCU24 1295	Copper, 24 Hr Urine Copper, Random Urine	No preservative Refrigerate within 4 hr. collection completion Random Urine specimen is acceptable but reference ranges do not apply.		Mayo	Alt preservative: 6N HCL 50% Acetic Acid
1966 UCORT	Cortisol, Free 24 Hr Cortisol , Random Ur	10 g Boric Acid, Must be added at START No preservative for Random Collection		Mayo	Alt preservatives: 50% Acetic Acid
1322 UCR24 1319 UCRER	Creatinine, 24 Hr Urine Creatinine, Random	None or with any preservative		Sparrow	50% Acetic acid, 6NHCL, Boric acid and any other preservative
1056 UCRCL	Creatinine Clearance 24 Hr Urine	None or with any preservative	Patient must have blood drawn for serum creatinine within 24 hrs of urine coll. Requires height/weight	Sparrow	Note: codes for coll periods UCRC8 8hr , UCRC4 12hr 50% Acetic acid, 6NHCL, Boric acid and any other preservative

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1295	Cystine, 24 Hr Urine (Cystinuria)	No preservative Refrigerate during collection		Mayo	
1205 ULYTE	Electrolytes, Random	Random Void No preservative		Sparrow	
10005 SMILC 1295	Free Light Chains also known as Quantitative Light Chains, Kappa or Lambda or both Random Urine	No preservative Refrigerate during collection		Specialty	
1372 UGL24 1348 UGLUR	Glucose, 24 Hr Urine Glucose, Random Urine	0.5 g Benzoic Acid + 3.0 g Boric Acid Tablets Refrigerate during collection No preservative- for random collection Refrigerate during collection		Sparrow	
10690 HMU24	Heavy Metal Screen includes: Arsenic, Lead Cadmium & Mercury	No preservative Refrigerate within 4 hr. collection completion	No seafood 48 prior to collection start or during collection.	Mayo	Alt. Preservatives: 6N HCL, 50% Acetic Acid
6683 HVAGR	Homovanillic Acid(HVA), 24 Hr Urine	25 mL 50% Acetic Acid 15 mL 50% Acetic acid for children <5yrs Must be added at collection START	Levodopa interferes with this analysis. Discontinue 24 hours prior and during the whole collection.	Mayo	6NHCL
10865 5HAR	5- Hydroxyindoleacetic Acid, 24 Hr Urine (5 HIAA Serotonin)	25 mL 50% Acetic Acid 15 mL 50% Acetic acid for children <5yrs. Must be added at collection START Limit following to 1 serving: fruits, vegetables, nuts and caffeinated beverages	NOTE: Patient diet restrictions 48 hours prior and during collection	Mayo	Alt. Preservatives: 6 N HCL, Boric Acid

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1289 UIFE	IFE, Urine Immunofixation, Urine Immunoelectrophoresis, also known as Bence Jones Protein	No preservative Random first morning specimen best Can use 24 hour collection -no preservative Refrigerate		Sparrow	
2043 UIODN	Iodine, 24 Hr Urine	No preservative - refrigerate within 4 hours of collection completion		Mayo	Alt. Preservative 50% Acetic Acid
1295 S17KT	17- Ketosteroid Fractionation- (Corticosteriods) (Hydroxysteriods)	No preservative Freeze within 48 hrs.		LabCorp	
1295	Lead, 24 Hr Urine	No preservative Refrigerate within 4 hr. collection completion		Mayo	Alt. preservatives 6N HCL, 6N HNO3 50% Acetic Acid
10637 UMG2	Magnesium, 24 Hr Urine	No preservative during collection		Sparrow	Must be acidified prior to assaying - 6N HCL
1295	Mercury, 24 Hr Urine	No preservative during collection Refrigerate within 4 hr. collection completion		Mayo	Alt. preservative 6N HCL, 6N HNO3 50% Acetic Acid
1275 UMETA	Metanephrines, 24 Hr Urine	25 mL 50% Acetic Acid 15 mL 50% Acetic Acid children <5 yr. Must be added at collection START		Mayo	Alt. Preservative 10g Boric Acid- adult 3g Boric Acid-pedi

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1295	MHPG, 24 Hr Urine	No preservative, Refrigerate during collection Random specimen NOT acceptable		LabCorp	Alt. Preservative 50% Acetic Acid
6808 UMALG 6738 UMAR 8138 MCRAT	Microalbumin, 24 Hr Urine Microalbumin, Random Microalbumin/Creatinine	No preservative		Sparrow	
6865 NTXGP	NTX N- Telopeptides	No preservative required Refrigerate during collection 24 hr collection preferred, but second voided and random specimens are also acceptable.		Mayo	Frozen aliquot Ok Alt preservatives: Boric Acid
1282 UORGA	Organic Acid Screen	Random Urine Specimen preferred No preservative	* Patient age required Include family history, clinical condition, diet and drug therapy information*	Mayo	
1162 OXAL	Oxalate, 24 Hr Urine	No preservative during collection Refrigerate during collection		Mayo	Must be acidified prior to assaying - 6N HCL
1340 UPO24 1320 UPHOR	Phosphorus, 24 Hr Urine Phosphorus, Random Urine	No preservative during collection Must be acidified prior to assaying - 6N HCL		Sparrow	Note: Write RANDOM on tube label
1177 UPORQ	Porphyryns - 24 Hr Urine Urophorphyrins Coproporphyrins Porphobilinogen	5 g Sodium Carbonate (NA2CO3) Must be added at collection START Refrigerate during collection, Protect from Light (Do not substitute Sodium Bicarbonate)	Include a list of medications the patient is taking and forward to Mayo with the specimen *No alcohol 24 hours prior to or during collection*	Mayo	

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1208	Urea Nitrogen, 24 hr Urine	No preservative		Sparrow	Alt. preservative 50% Acetic Acid Boric Acid
1347 UUA24 1010 UUAR	Uric Acid, 24 hr Urine Uric Acid, random Urine	No preservative Can NOT be collected in ACID		Sparrow	
1195 VMAU	VMA - 24 hr (Vanillylmandelic Acid)	25 mL 50% Acetic Acid 15 mL 50% Acetic Acid children <5 yr. If collected without preservative, must be refrigerated during collection and preservative added within 4 hours of completion (Best to add at start of collection)	Levodopa interferes with this analysis. Discontinue 24 hours prior and during the whole collection.	Mayo	Alt. Preservative 6N HCL 6N HNO3
1295	Zinc - 24 hr, Urine	No preservative Refrigerate within 4 hr. collection completion		Mayo	Alt. Preservatives 6N HCL, 50 % Acetic Acid, 6N HNO3