

List Of Preservatives For 24-Hour Urine Tests

لیست مواد نگهدارنده برای آزمایش‌های مربوط به ادرار ۲۴ ساعته

Published Test Name	Test ID	Preservative Options										Preservative Addition Timing	Transport Temperature	
		Temperature Preservative (Plain)			50% Acetic Acid	Boric Acid	Diazolidinyl Urea	6M Hydrochloric Acid	6M Nitric Acid	Sodium Carbonate	Toluene		External	Internal
Adrenal Mass Panel, 24 Hour, Urine	ACC	No	OK	OK	No	No	No	No	No	No	No	After collection	Frozen preferred ≤ 90 days Refrig ≤ 14 days	Frozen OK
Albumin, 24 Hour, Urine	ALB24	OK	Preferred	OK	No	OK	No	No	No	No	No	After collection	Refrig preferred ≤ 7 days Frozen OK ≤ 7 days Ambient OK ≤ 7 days	Ambient OK
Aldosterone, 24 Hour, Urine	ALDU	No	No	No	Preferred	OK	No	No	No	No	No	Before collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 14 days	Ambient OK
Aldosterone with Sodium, 24 Hour, Urine	ALDNA	No	No	No	Preferred	OK	No	No	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen OK ≤ 14 days Ambient OK ≤ 7 days	Ambient OK
Alpha-1-Microglobulin, 24 Hour, Urine	A124	OK	Preferred	OK	OK	OK	No	No	No	No	No	After collection	Refrig preferred ≤ 7 days Frozen OK ≤ 7 days Ambient OK ≤ 7 days	Ambient OK
Aluminum, 24 Hour, Urine	ALU	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Ammonium, 24 Hour, Urine	AMMO	No	OK	OK	OK	OK	Preferred	OK	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen OK ≤ 14 days Ambient OK ≤ 7 days	Ambient OK
Arsenic with Reflex, 24 Hour, Urine	ASU24	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 72 hours	Ambient OK
Arsenic Speciation, 24 Hour, Urine	SPASU	No	Preferred	OK	OK	No	No	OK	No	No	No	After collection	Refrig preferred ≤ 28 days Frozen ≤ 28 days Ambient OK ≤ 72 hours	Ambient OK
Arylsulfatase A, 24 Hour, Urine	ARSU	No	Required	No	No	No	No	No	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen NO Ambient NO	Ambient OK
Cadmium, 24 Hour, Urine	CDU	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Calcium, 24 Hour, Urine	CALU	OK	Preferred	OK	OK	OK	OK	OK	OK	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 72 hours	Ambient OK
Catecholamine Fractionation, Free, 24 Hour, Urine	CATU	No	OK	OK	Preferred	OK	No	OK	OK	No	No	Before collection	Refrig preferred ≤ 7 days Frozen OK ≤ 14 days Ambient OK ≤ 7 days	Ambient OK
Chloride, 24 Hour, Urine	CLU	OK	Preferred	OK	OK	OK	OK	No	No	OK	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 7 days	Ambient OK
Chromium, 24 Hour, Urine	CRU	OK	Preferred	OK	No	No	No	No	No	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Citrate Excretion, 24 Hour, Urine	CITR	No	OK	OK	No	OK	Preferred	No	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen OK ≤ 14 days Ambient NO	Ambient OK
Cobalt, 24 Hour, Urine	COU	OK	Preferred	OK	No	No	No	No	No	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Copper, 24 Hour, Urine	CUU	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Cortisol/Cortisone, Free, 24 Hour, Urine	COCOUC	No	OK	OK	OK	Preferred	No	No	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen OK ≤ 28 days Ambient OK ≤ 72 hours	Ambient OK
Cortisol, Free, 24 Hour, Urine	CORTU	No	OK	OK	OK	Preferred	No	No	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen OK ≤ 28 days Ambient OK ≤ 7 days	Ambient OK
Creatinine, 24 Hour, Urine	CTU	OK	Preferred	OK	OK	OK	OK	OK	No	OK	No	After collection	Refrig preferred ≤ 30 days Frozen OK ≤ 30 days Ambient OK ≤ 14 days	Ambient OK
Creatinine Clearance, Serum and 24 Hour Urine	CRCL	Preferred	OK	OK	OK	OK	OK	OK	OK	OK	No	After collection	Refrig preferred Frozen OK Ambient OK	Ambient OK
Cystinuria Profile, Quantitative, 24 Hour, Urine	CYSQN	No	OK	OK	No	No	No	No	No	No	Preferred	Before collection	Frozen preferred ≤ 70 days Refrig ≤ 14 days Ambient NO	Ambient OK
2,3-Dinor 11 Beta-Prostaglandin F2 Alpha, 24 Hour, Urine	23BPT	No	Preferred	OK	OK	OK	No	No	No	OK	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 8 hours	Ambient OK
Electrophoresis, Protein, 24 Hour, Urine	EPUPU (internal)	OK	Preferred	OK	No	No	OK	No	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 5 days Ambient OK ≤ 72 hours	Ambient OK
Gadolinium, 24 Hour, Urine	GDU	OK	Preferred	OK	No	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Heavy Metals Screen, with Reflex, 24 Hour, Urine	HMU24	No	Preferred	OK	OK	No	No	OK	No	No	No	After collection	Refrig preferred ≤ 7 days Frozen NO Ambient NO	Ambient OK
Homovanillic Acid, 24 Hour, Urine	HVA	No	No	No	Preferred	No	No	OK	OK	No	No	Before collection	Refrig preferred ≤ 28 days Frozen OK ≤ 180 days Ambient NO	Ambient OK
5-Hydroxyindoleacetic Acid, 24 Hour, Urine	HIAA	No	OK	OK	Preferred	OK	No	OK	OK	OK	OK	Before collection	Refrig preferred ≤ 56 days Frozen OK ≤ 365 days Ambient NO	Ambient OK
Immunoglobulin Total Light Chains, Urine	TLCU	OK < 72 hours	Preferred	OK	No	No	No	No	No	No	No	After collection	Refrig preferred ≤ 7 days Frozen OK ≤ 20 days Ambient OK ≤ 72 hours	Ambient OK
Iodine, 24 Hour, Urine	UIOD	OK	Preferred	OK	OK	No	No	No	No	No	No	After collection	Refrig preferred ≤ 146 days Frozen OK ≤ 146 days Ambient OK ≤ 146 days	Ambient OK
Lead, 24 Hour, Urine	PBU	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK

جدول مربوط به پایداری آنالیت‌ها در شرایط دمایی و مواد نگهدارنده مختلف به منظور به حداکثر رساندن تعداد آزمایش‌هایی که بر روی یک نمونه ادرار ۲۴ ساعته می‌تواند انجام شود.

Published Test Name	Test ID	Preservative Options										Preservative Addition Timing	Transport Temperature	
		Temperature Preservative (Plain)			50% Acetic Acid	Boric Acid	Diazolidinyl Urea	6M Hydrochloric Acid	6M Nitric Acid	Sodium Carbonate	Toluene		External	Internal
Leukotriene E4, 24 Hour, Urine	TLTE4	No	Preferred	OK	OK	OK	No	No	No	OK	No	After collection	Frozen OK ≤ 30 days Refrig preferred ≤ 7 days Ambient OK ≤ 24 hours	Ambient OK
Magnesium, 24 Hour, Urine	MAGU	OK	Preferred	OK	OK	OK	OK	OK	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 72 hours	Ambient OK
Manganese, 24 Hour, Urine	MNU	OK	Preferred	OK	No	No	No	No	No	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 7 days	Ambient OK
Mercury, 24 Hour, Urine	HGU	No	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 7 days Frozen OK ≤ 7 days Ambient NO	Ambient OK
Metanephries, Fractionated, 24 Hour, Urine	METAF	No	OK	OK	Preferred	Preferred	No	OK	OK	OK	OK	Before collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Metanephries with 3-Methoxytyramine, 24 Hour, Urine	META3	OK	OK	OK	Preferred	Preferred	No	OK	OK	OK	OK	Before collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
3-Methoxytyramine, 24 Hour, Urine	3MT	OK	OK	OK	Preferred	Preferred	No	OK	OK	OK	OK	Before collection	Refrig preferred ≤ 28 days Frozen OK ≤ 90 days Ambient OK ≤ 28 days	Ambient OK
N-Methylhistamine, 24 Hour, Urine	NMH24	OK	Preferred	OK	OK	OK	No	OK	OK	OK	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 14 days	Ambient OK
Monoclonal Protein Study, 24 Hour, Urine	MPSU	OK	Preferred	OK	No	No	OK	No	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 5 days Ambient OK ≤ 24 hours	Ambient OK
Nickel, 24 Hour, Urine	NIU	OK	Preferred	OK	OK	No	No	No	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Nitrogen, Total, 24 Hour, Urine	NITU	OK	Preferred	OK	OK	No	No	OK	No	OK	No	After collection	Refrig preferred ≤ 7 days Frozen OK ≤ 3 years Ambient OK ≤ 7 days	Ambient OK
Oxalate, 24 Hour, Urine	OXU	No	OK	No	No	No	Preferred	No	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen NO Ambient NO	Ambient OK
Phosphorus, 24 Hour, Urine	POU	OK	Preferred	OK	OK	OK	OK	OK	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 7 days	Ambient OK
pH, 24 Hour, Urine	UPH24	No	OK	OK	No	No	Preferred	No	No	No	No	Before collection	Refrig preferred ≤ 7 days Frozen OK ≤ 7 days Ambient NO	Ambient OK
Porphyryns, Quantitative, 24 Hour, Urine	PQNU	No	No	No	No	No	No	No	No	Required	No	Before collection	Frozen ≤ 7 days Refrig NO Ambient NO	Refrig OK Ambient NO Protect from light
Potassium, 24 Hour, Urine	KUR	OK	Preferred	OK	OK	OK	OK	OK	No	OK	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 7 days	Ambient OK
Protein, Total, 12 Hour, Urine	12PU1	OK	Preferred	OK	No	OK	OK	No	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 24 hours	Ambient OK
Protein, Total, 24 Hour, Urine	PTU	No	Preferred	OK	No	OK	OK	No	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 24 hours	Ambient OK
Retinol-Binding Protein, 24 Hour, Urine	RB24	No	Preferred	OK	No	OK	No	No	No	No	No	After collection	Refrig preferred ≤ 7 days Frozen OK ≤ 7 days Ambient NO	Ambient OK
Serotonin, 24 Hour, Urine	SERU	OK	Preferred	OK	Preferred	No	No	No	OK	No	OK	Before collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 48 hours	Refrig OK
Sodium, 24 Hour, Urine	NAU	OK	Preferred	OK	OK	OK	OK	OK	No	No	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 7 days Ambient OK ≤ 7 days	Ambient OK
Sulfate, 24 Hour, Urine	SULFU	No	Preferred	OK	No	OK	OK	No	No	OK	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 14 days Ambient NO	Ambient OK
Supersaturation Profile, 24 Hour, Urine	SUP24	No	OK	No	No	No	Preferred	No	No	No	No	Before collection	Refrig preferred ≤ 14 days Frozen NO Ambient NO	Ambient OK
Thallium, 24 Hour, Urine	TLU	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK
Urea, 24 Hour, Urine	URAU	No	OK	OK	OK	Preferred	OK	OK	No	OK	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 7 days	Ambient OK
Uric Acid, 24 Hour, Urine	URCU	No	OK	OK	No	Preferred	OK	No	No	OK	No	After collection	Refrig preferred ≤ 14 days Frozen OK ≤ 30 days Ambient OK ≤ 7 days	Ambient OK
Vanillylmandelic Acid, 24 Hour, Urine	VMA	No	No	No	Preferred	OK	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 180 days Ambient NO	Ambient OK
Zinc, 24 Hour, Urine	ZNU	OK	Preferred	OK	OK	No	No	OK	OK	No	No	After collection	Refrig preferred ≤ 28 days Frozen OK ≤ 28 days Ambient OK ≤ 28 days	Ambient OK



ظرف جمع‌آوری ادرار ۲۴ ساعته

دارای درجه‌بندی

در ۲ حجم ۲/۵ و ۳/۵ لیتری

دارای درب بزرگ برای نمونه برداری

دارای درب کوچک برای انتقال نمونه

در ۲ مدل ایستاده و کوتاه

در ۲ رنگ نارنجی (برای آنالیت‌های حساس به نور) و بی‌رنگ

پل ایده‌آل پارس

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اطلس جامع آزمایشگاهی
اطلس‌های رسوب ادراری، باکتری‌شناسی، انگل‌شناسی، هماتولوژی، قارچ‌شناسی

بانک اطلاعاتی آزمایش‌های تشخیص پزشکی

راهنمای جدول:

Ambient	Room temperature (21–25 degrees C)
Refrigerated	4–8 degrees C
Frozen	-20 degrees C
50% Acetic Acid	25 mL per 24-hour collection
Boric Acid (crystals)	10 g per 24-hour collection
Diazolidinyl Urea (250 g/L)	5 mL per 24-hour collection
6M Hydrochloric Acid	30 mL per 24-hour collection
6M Nitric Acid	15 mL per 24-hour collection
Sodium Carbonate (crystals)	5 g per 24-hour collection
Thymol (10% in isopropanol)	10 mL per 24-hour collection
Toluene	30 mL per 24-hour collection

