

Supersaturation Profile, 24 Hour Urine Update

Effective 12/6/22, Mayo Test ID SUP24, LAB17575, replaced Mayo Test ID SAT24, LAB15332:

New Mayo Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
Supersaturation Profile, 24 hour, Urine	LAB17575	LAB17575	SUP24	in process	*See below
Result Component Name	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
Calcium Oxalate Crystal	12301019909	M616217	616217	81623-1	
Brushite Crystal	12301019921	M616218	616218	in process	
Hydroxyapatite Crystal	12301019922	M616219	616219	81622-3	
Uric Acid Crystal	12301019923	M616220	616220	in process	
Collection Duration	12301019924	MSSDUR	SSDUR	13362-9	AOE
Volume	12301019925	MSSVOL	SSVOL	3167-4	AOE
Interpretation	12301013240	12301013240	21060	69051-1	
Sodium, 24 HR, U	12301019927	MNAU24	NAU24	2956-1	
Potassium, 24 HR, U	12301019928	MKU24	KU24	2829-0	
Calcium, 24 HR, U	12301019929	MCAU24	CAU24	6874-2	
Magnesium, 24 HR, U	12301019930	MMGU24	MGU24	24447-5	
Chloride, 24 HR, U	12301019931	MCLU24	CLU24	2079-2	
Phosphorus, 24 HR, U	12301019932	MPOU24	POU24	2779-7	
Sulfate, 24 HR, U	12301019933	MSUL24	SUL24	26889-6	
Citrate Excretion, 24 HR, U	12301019934	MCIT24	CIT24	6687-8	
Oxalate, 24 HR, U (mmol/24 HR)	12301019935	MOXM24	OXM24	14862-7	
Oxalate, 24 HR, U (mg/24 HR)	12301019936	MOXG24	OXG24	2701-1	
pH, 24 HR, U	12301019937	MUPHT	UPHT	27378-9	
Uric Acid, 24 HR, U	12301019938	MURC24	URC24	3087-4	
Creatinine, 24 HR, U	12301019939	MCRU24	CRU24	2162-6	
Osmolality, 24 HR, U	12301019940	MUOSMT	UOSMT	2694-8	
Ammonium, 24 HR, U	12301019941	MAMU24	AMU24	25308-8	
Urea Nitrogen, 24 HR, U	12301019942	MUNU24	UNU24	3096-5	
Protein Catabolic Rate, 24 HR, U	12301019943	MPCRUT	PCRUT	93746-6	
Patient Surface Area	12301019944	MBSA1	BSA1	8277-6	
Height (cm)	12301019945	MHT6	HT6	3137-7	AOE
Weight (kg)	12301019946	MWT6	WT6	29463-7	AOE

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Patient Preparation					
X-ray dyes and contrast media will affect uric acid test results. If a kidney X-ray with dye or computerized tomography (CT) scan with contrast has been performed, patient should wait a minimum of 1 day before starting collection. If a cholangiography (bile duct X-ray) has performed, patient should wait 7 days before starting collection. Urine must be collected before tablets have been taken for gallbladder X-ray, otherwise patient should wait 7 days before starting collection.					
Container	Specimen	Temperature	Collect/Submit Vol	Min Vol	Stability
24 hour Jug	Urine	Refrigerate	24 hr volume	35 mL	14 days
Collection Instructions					
Add 5 mL of diazolidinyl urea as preservative at start of collection or refrigerate specimen during and after collection. Specimen pH should be between 4.5 and 8 and will stay in this range if kept refrigerated. Specimens with pH above 8 indicate bacterial contamination, and testing will be canceled. Do not attempt to adjust pH as it will adversely affect results.					
*CPT Code(s)		84300, 84133, 82340, 83735, 82436, 84105, 84392, 82507, 83945, 83986, 84560, 82570, 83935, 82140, 84540			

Inactivated Mayo Test	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
Supersaturation Profile, 24 hour, Urine	LAB15332	LAB15332	SAT24	in process	same as above

For questions or concerns, please contact UVMHC Lab Outreach at laboutreach@uvmhealth.org.

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