

TEST UPDATE

Newly Defined Mayo Tests

UVMMMC

Effective 10/9/24, several Mayo Clinic Laboratories' tests will be available to order as stand-alone, unique orderables. These include three random urine tests and three 24 hour urine tests.

Random Urine Tests:

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
Leukotriene E4, Random, U.	LAB17701	LAB17701	RLTE4	33343-5	82542, 82570
Result Component(s):	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
Leukotriene E4, Random, U.	12301020393	M603457	603457	33343-5	
Creatinine, Random, U.	12301020394	MCRTFR	CRTFR	2161-8	
Specimen Requirements:					
Container	Specimen	Temp	Collect Vol	Submit Vol	Min Vol
Plastic Vial	Urine	Frozen	5 mL	5 mL	2 mL
Collection Information:					
Stability: Frozen (preferred) = 28 days; Refrigerated = 7 days; Ambient = 24 hours					
1. Within a few hours of symptom onset, collect a random urine sample.					
2. No preservative.					

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
N-Methylhistamine, Random, U.	LAB17699	LAB17699	NMHR	13781-0	82542, 82570
Result Component(s):	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
N-Methylhistamine, Random, U.	12301020387	M605015	605015	13781-0	
Creatinine, Random, U.	12301017112	12301017112	CRETR	2161-8	
Specimen Requirements:					
Container	Specimen	Temp	Collect Vol	Submit Vol	Min Vol
Plastic Vial	Urine	Refrigerate	5 mL	5 mL	3 mL
Collection Information:					
Stability: Refrigerate (preferred) = 28 days; Frozen = 28 days; Ambient = 14 days					
1. Collect a random urine specimen within a few hours of symptom onset.					
2. No preservative.					
Patient Prep: Patient must not be taking monoamine oxidase inhibitors (MAOIs) or aminoguanidine as these medications increase N-methylhistamine (NMH) levels.					

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Random Urine Tests:

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
2,3 -Dinor 11 Beta-Prostaglandin F2 Alpha, Random, U.	LAB17703	LAB17703	23BPR	97658-9	84150, 82570
Result Component(s):	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
2,3-Dinor 11B-Prostaglandin F2a	12301020400	M603459	603459	97658-9	
Creatinine, Random, U.	12301017112	12301017112	CRETR	2161-8	
Specimen Requirements:					
Container	Specimen	Temp	Collect Vol	Submit Vol	Min Vol
Plastic Vial	Urine	Refrigerate	5 mL	5 mL	2.7 mL
Collection Information:					
Stability: Refrigerate (preferred) = 14 days; Frozen = 30 days; Ambient = 8 hours					
Collect random urine specimen.					
Patient Prep: Patients taking aspirin or nonsteroidal anti-inflammatory drugs (NSAID) may have decreased concentrations of prostaglandin F2 alpha. If possible, discontinue for 2 weeks or 72 hours, respectively, prior to collecting a specimen.					

24 Hour Urine Tests:

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
Leukotriene E4, 24 Hour, U.	LAB17702	LAB17702	TLTE4	101115-4	82542
Result Component(s):	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
Leukotriene E4, U.	12301020395	M603458	603458	101115-4	
Creatinine, 24 Hour, U.	12301020396	MCRAF	CR_AF	2162-6	
Collection Duration	12301020397	MTM10F	TM10F	13362-9	AOE
Urine Volume	12301020398	MVL8F	VL8F	3167-4	AOE
Creatinine Concentration, 24 Hour, U.	12301020399	MCRF24	CRF24	20624-3	
Specimen Requirements:					
Container	Specimen	Temp	Collect Vol	Submit Vol	Min Vol
Plastic Vial	Urine	Frozen	5 mL	5 mL	2 mL
Collection Information:					
Stability: Frozen (preferred) = 28 days; Refrigerate = 7 days; Ambient = 24 hours					
1. Start collection within a few hours of symptom onset and collect urine for 24 hours.					
2. No preservative preferred.					

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24 Hour Urine Tests:

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
N-Methylhistamine, 24 Hour, U.	LAB17700	LAB17700	NMH24	44340-8	82542
Result Component(s):	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
N-Methylhistamine, 24 Hour, U.	12301020388	M605159	605159	44340-8	
Creatinine, 24 Hour, U.	12301020389	MCRA	CR_A	2162-6	
Collection Duration	12301020390	MTM10	TM10	13362-9	AOE
Urine Volume	12301020391	MVL8	VL8	3167-4	AOE
Creatinine Concentration, 24 Hour, U.	12301020392	MCR24	CR_24	20624-3	
Specimen Requirements:					
Container	Specimen	Temp	Collect Vol	Submit Vol	Min Vol
Plastic Vial	Urine	Refrigerate	5 mL	5 mL	3 mL
Collection Information:					

Stability: Refrigerate (preferred) = 28 days; Frozen = 28 days; Ambient = 14 days

1. Collect urine for 24 hours.
2. No preservative.

Patient Prep: Patient must not be taking monoamine oxidase inhibitors (MAOIs) or aminoguanidine as these medications increase N-methylhistamine (NMH) levels.

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
2,3 -Dinor 11 Beta-Prostaglandin F2 Alpha, 24 Hour, U.	LAB17704	LAB17704	23BPT	94381-1	84150
Result Component(s):	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
2,3-Dinor 11B-Prostaglandin F2a	12301020401	M603460	603460	94381-1	
Creatinine, 24 Hour, U.	12301020389	MCRA	CR_A	2162-6	
Collection Duration	12301020390	MTM10	TM10	13362-9	AOE
Urine Volume	12301020391	MVL8	VL8	3167-4	AOE
Creatinine Concentration, 24 Hour, U.	12301020392	MCR24	CR_24	20624-3	
Specimen Requirements:					
Container	Specimen	Temp	Collect Vol	Submit Vol	Min Vol
Plastic Vial	Urine	Refrigerate	5 mL	5 mL	2.7 mL
Collection Information:					

Stability: Refrigerate (preferred) = 14 days; Frozen = 30 days; Ambient = 8 hours

1. Collect urine for 24 hours.
2. No preservative preferred.

Patient Prep: Patients taking aspirin or nonsteroidal anti-inflammatory drugs (NSAID) may have decreased concentrations of prostaglandin F2 alpha. If possible, discontinue for 2 weeks or 72 hours, respectively, prior to collecting a specimen.

For questions regarding these changes, contact UVMMMC Lab Outreach at laboutreach@uvmhealth.org

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