

Uric Acid (Urine) (UUA)

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18 October 2025 15:36



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TEST OVERVIEW

Test Name	Uric Acid (Urine)
Test Code	UUA
Short Description	Uric Acid (Urine)

OVERVIEW

Test Name	Uric Acid (Urine)
Test Code	UUA
Category	Urine Biochemistry
TAT	Main Lab: 6 Hour(s), Day(s) Family Site: <8hrs
Specimen(s)	1 x Urine - 10 mL 10 mL flask - Light Yellow - Urine Random NaOH 1 x - - 2000 mL 24-Hours urine container - Red - Urine 24hrs - NaOH

SPECIMEN(S)

Urine Random NaOH

Specimen Type	Urine Random NaOH
Specimen Format	10 mL flask
Specimen Colour	Light Yellow
Specimen Volume	10 mL
Sampling Order	0
Origin	Urine
Collection time after baseline	-
Transport Temperature	15-25°C
Accepted Other Specimens	Urine Random No Preservative

TAT Main Lab: 6 Hour(s), Day(s)
Family Site: <8hrs

Test Stability Room Temp: 4 Day(s)
2–8°C: -

Urine 24hrs - NaOH

Specimen Type Urine 24hrs - NaOH
Specimen Format 24-Hours urine container
Specimen Colour Red
Specimen Volume 2000 mL
Sampling Order 0
Origin -
Collection time after baseline -
Transport Temperature 15-25°C
Accepted Other Specimens Urine Random No Preservative

TAT Main Lab: 6 Hour(s), Day(s)
Family Site: <8hrs

Test Stability Room Temp: 4 Day(s)
2–8°C: -

CLINICAL INFORMATION

Uric Acid

Methodology Uricase POD
Specimen Type Urine Random NaOH
Urine 24hrs - NaOH
Delay before pre-treatment 6
Transport Temperature 15-25°C
Transport Stability at room temp 4 Day
Transport Stability at 2–8°C - -
Haemolysis interference

Clinical Interest

Uric Acid is a waste product of the breakdown of purines, substances found in certain foods and produced naturally by the body. High levels of uric acid can lead to the formation of uric acid crystals in the joints, causing gout, a form of arthritis characterised by sudden, intense pain and swelling.

Uric acid can form crystals that can lead to the formation of uric acid stones in the kidneys or urinary tract.

Determining uric acid excretion makes it possible to identify the cause of kidney stones and guide treatment to prevent recurrence, for example, by modifying the diet or taking medication such as allopurinol.

Urine uric acid measurement can determine whether hyperuricaemia is due to excessive production or a defect in renal excretion, which helps with diagnosis and treatment.

PATIENT INFORMATION

Clinical Information Required -

Patient Collection Notes -

COMMENTS & NOTES

LOINC Code 934-4, 14934-4

Outwork