

Albumin/creatinine ratio (urine)-Outwork (UALBCR-OUT)

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TEST OVERVIEW

Test Name	Albumin/creatinine ratio (urine)-Outwork
Test Code	UALBCR-OUT
Short Description	Albumin/creatinine ratio (urine)-Outwork

OVERVIEW

Test Name	Albumin/creatinine ratio (urine)-Outwork
Test Code	UALBCR-OUT
Category	Urine Biochemistry
TAT	Main Lab: 1 Day(s) Family Site: 1 Day
Specimen(s)	1 x Urine - 20 mL Sterile Urine container - Red - Urine Random No Preservative

SPECIMEN(S)

Urine Random No Preservative

Specimen Type	Urine Random No Preservative
Specimen Format	Sterile Urine container
Specimen Colour	Red
Specimen Volume	20 mL
Sampling Order	0
Origin	Urine
Collection time after baseline	-
Transport Temperature	15-25°C
Accepted Other Specimens	Urine24H-No preservative
TAT	Main Lab: 1 Day(s)

Test Stability

Family Site: 1 Day

Room Temp: 1 Day(s)
2–8°C: 6 Day(s)**CLINICAL INFORMATION****Albumin/Creatinine Ratio (ACR)**

Methodology	-
Specimen Type	Urine Random No Preservative
Delay before pre-treatment	-
Transport Temperature	15-25°C
Transport Stability at room temp	1 Day
Transport Stability at 2–8°C	6 Day
Haemolysis interference	No

Clinical Interest

The **urinary microalbumin assay** measures small quantities of albumin in the urine. Albumin is a protein normally present in the blood, and its presence in the urine, especially in small quantities, can be an early sign of kidney damage.

This test is very useful for the **early detection of diabetic nephropathy**, a common complication of diabetes that can lead to chronic kidney disease (CKD) and kidney failure.

In patients with hypertension, microalbuminuria is an **early marker of kidney damage**. It may indicate that the kidneys are under stress due to high blood pressure, prompting treatment to be adapted to protect renal function.

The presence of microalbuminuria is also associated with an increased risk of cardiovascular disease, such as heart attacks and strokes, particularly in patients with diabetes or hypertension.

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code	000-4, 30000-4
Outwork	Yes